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JANUARY 17, 1920

VOL. XCII

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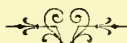
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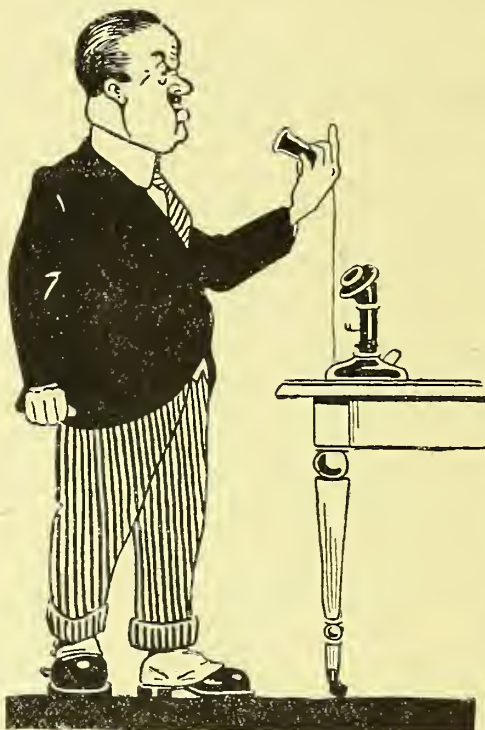
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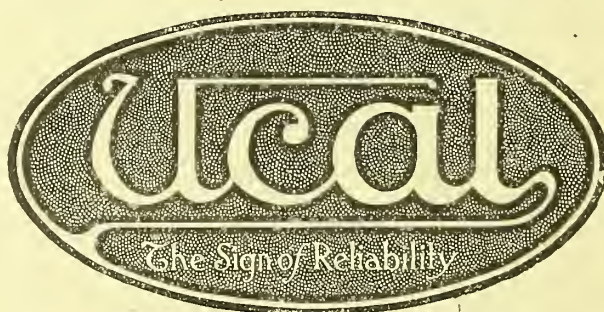
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INDEX TO ADVERTISERS

ALBERT & Co., Ointment	xxvi	CARMICHAEL, F. J., & Co., Camomiles	xiii	FREUDENTHEIL & Co.	xvii
ALLCOCK MANUFACTURING Co., Plasters	1	CARR, G., & Co., Ld., Saccharin	xix	FUERST BROS., Ld., Chemicals	xii
ALLEN, STAFFORD, & SONS, Ld., Scale		CARRERAS, A. & E., Toilet	32	FULLER, R. L., & Co., Ld., Chemicals	xvi
Preps.	10	CARTER, R. E., Ld., Photo Albums	lin	FULLWOOD, R. J., & BLAND, Rennet	xliii
ALLIANCE DRUG & CHEMICAL Co.	xiii	CASSON CHEMICAL Co., Ld.	30	GARDEN CITY RUBBER Co., Rubber Corks	lii
AMERICAN COMMERCE Co., Ld., Chemicals	ix	CEPHOS, Ld., Proprietary	lviii	GARDNER, W., & SONS (Glos.), Ld.	42
AMSTERDAM QUININE WORKS	xxii	CHATELAIN, J. L., French Preps.	xxvii	GARRATT, J. E., Newskin	xliv
ANGLO-ARGENTINE EXPORT & IMPORT		CHARPENTIER, C. A., Ess. Oils	22	GATES, LESLIE, Bottle Cappings	lii
Co., Ld.	36	CHELTINE FOODS Co., Foods	xi, lviii	GENERAL CHEMICAL & PHARMACEUTICAL	
ARMOUR & Co., Ld.	xxxix, Text	CHEMICAL WORKS MADDOERY Ld., Male		Co., Ld., Toilet Preps.	28
ARNOTT, JAMES, & SONS, Ld.	xxxv	Fern Extract	xiii	GIBBINS, R., & Co., Saccharin	xviii
ARRIGHI, E. S., Clinical Thermometers	lix	CHEMISTS' DESIGN SERVICE	xlvi	GIGNOUX FRERES & BARBEZAT	xxii
AYFON, SAUNDERS & Co., Ld., Whole-		CHEVERTON & LAIDLER, Paper, &c.	12	GILLARD GORDON, Ld., Ecacalyptol ...	xxvii
sale Druggists	15	CHRISTY, T., & Co., Shampoo ...	29, 31, lviii	GIMBER, W., & SON, Surgical Dress.	xlviii
B. & A. TRADING Co., Sacch.	xix	CINEMA SOAP Co.	27	GOODALL, BACKHOUSE & Co., Water	
BAILEY, ROBERT, & SONS, Surgical		CITY DENTAL DEPOT	ix	Glass	Cover
Dressings	8, 9, 10, li	CLAYTON ANILINE Co., Ld.	iv	GRIFF, R. W., & Co., Chemicals	6, 7
BANDONG QUININE FACTORIES	xxii	CLEMENT & JOHNSON, Antiseptic	xxviii	GREENWICH LEMONADE Co.	xvii
BANISTER STREET WORKS, Ld., Machinery	liv	COAL BY-PRODUCTS Co.	xxix	GUILDHALL CORR. PKG. MATERIALS Co.	40
BANKS & DALRYMPLE, Chemicals, &c.	vi	COLLEGE OF PRECEPTORS	lix	HALL FORSTER & Co., Ld., Lanoline ...	20
BARBOIA Co., Ld., Proprietary	xxx	COOPER LABORATORY, Tablets	xiv	HAMPSHIRE, F. W., & Co.	30
BATH AND WEST OF ENGLAND COLLEGE	lix	COOPER, SON & Co., Ld., Cachets	lviii	HARKER, C. R., STAGG & MORGAN, Ld.,	
BEATLEY SOCIETE COMMERCIALE, Chemi-		CRAWSHAW, E., & Co., Aniline Dyes	lviii	Hair Dyes	31
cals	viii	CROOKES' LABORATORIES	xv	HARLEY, T., Rat Poison	lxii
BEECHAM, THOMAS, Pills		CURACEA Co., Liquid Nerve Tonic	xlii	HARPER, C. W., Saccharin Tablets	xvii
BECK, F. W., & Co., Ld., Acids.		CUXSON, GERRARD & Co., Ld.	19	HENRY, T. & W., Calcined Magnesia	xii
Chemicals	vi	D.D.D. Co., Ld.	xxviii	HEWLETT, C. J., & SON, Ld., Tonic, &c.	xi
BERRY'S, J. B., SONS, Co., Inc., Pet.		DE GROOT BROS., Indian Produce	xx	HILTON, RIDER & Co., Ld., Oils ...	xxvii
Prods.	xxxv	DEARBORN, Ld., Toilet Specialities	38	HOBSON, TRIMBLE & Co., Ld.	xlix
BERTON, ARTHUR, Ld., Capsicum Wool	xlvi	DEMUITS' LABORATORIES, Toilet Preps.	37	HOLLAND'S DISTILLERY, Ld.	24, 25
BIDWILLS, Ld., Brushware	42	DEPRETER, A. E., Brushes	2	HOLIDAY, L. B., & Co., Ld., Chemicals	xvi
BINGHAM, W. E., & Co., Toilet Goods	26	DICKESON, R., & Co., Medicinal Snuff	liv	HOPKIN & WILLIAMS, Ld.	iii
BLACKWELL, HAYES & Co., Ld.	xviii	DORING, E. DUNCAN, Bottles	lviii	HOPKINS, J. L., & Co., Extracts	xxi
BLADEN, VICTOR, & Co., Chemicals	ix	EASTERN & RUSSIAN TRADING Co., Ld.	xxiv	HOWARDS & SONS, Chemicals	xx
BLYTHE, W., & Co., Ld., Epsom Salts	ix	ELLIOTT OPTICAL Co., Optical Goods	ix	HUISKING, C. L., Inc., American Drugs	xx
BORTHWICK, W., Brilliantine Oils ...	xxxv	ELLIS, J., & Co., Ld., Pompeian Preps.	3	ICELIA Co., Ld., Toilet Preps.	39
BOX 139/14, Licorice, &c.	xx	ERASMIC Co., Ld., Soap	37	IMEX CORPORATION, Carbon Black	xxi
BRASSE, E., Seabangle Tents	xlviii	EVANS SONS LESCHER & WEBB, Ld.,		INDIA RUBBER, GUTTA PERCHA & TELE-	
BRASSET, A., & Co., Ld., Ess. Oils, &c.	22	Drugs and Chemicals	Cover	GRAPH WORKS Co., Ld., Hot-Water	
BRISTOL-MYERS Co.	xxi	EVAN-WILLIAMS Co., Ld., Shampoo	12, 29	Bottles	xlvi
BRITISH COMMERCIAL GAS ASSOCIATION	lvi	EVER READY WORKS, Electric Torch	lvii	JACKSON, J. P., & Co., Ld., Machinery	lv
BRITISH DIAMANT Co., Ld., Cod Liver		FARRIS, CHARLES, Beeswax	31	JOB BROS., Cod Liver Oil (Newfound-	
Oil	xxxviii	FECHER, M. J. Ld., Bottles	xxxiv	land)	16
BRITISH DYE-STUFFS CORPORATION, Ld.	ii	FENTIMAN, A. G., Ld.	lix	JOHNSON, A., & Co. (LONDON), Ld., Drugs	v
BROOK, PARKER & Co., Ld.	xxxiii	FERBER, R., Ld., Ess. Oils	27	JOHNSTON & ADAMS, Slipperine	18
BEUNNER, MOND & Co., Ld., Alkalies	vii	FIELD, C. W., Ld., Supoaine	xxvi	JONES, SAMUEL, & Co., Gummed Paper	18
BURGE, WARREN & RIDGLEY, Ld.	xlx	FINK, F., & Co., Gums	lviii	KAY BROS., Ld., Proprieties	xxvi
BURNSIDE & Co., Eucalyptus Oil	xxvii	FLEMONS & SONS, English Herbs	xix	KEATING, T., Insect Powder	40
BURBROUGHS WELLCOME & Co.,		FORCROVE MACHINERY Co., Ld.	lv	KEENE Co., Aspirin, &c.	xviii
"Wellcome" Galenicals	43	FOX, FRANCIS F., & Co.	xxxiv	KERFOOT, T., & Co., Ld., Castols	17
BUTLER, E. H., & SON, Ld., Cod Liver		FRAM MANFG. Co., Brushes	31	KHAMBATA, J., & Co., Tartaric Acid ...	xii
Oil, &c.	xxv	FRAME FOOD Co., Foods	xi	KIRBY, H. & T., & Co., Ld., Aspirin	xix
BUSH, W. J., & Co., Ld., Perfumery ...	13	FRANSES, J. J., & SONS, Ld., Waxes	xxxvii	Tablets	
CADBURY BROS., Cocoa	Cover	FREMLIN-ROGERS, Milk Sterilizer	xi		
CALLARD & Co., Vitmar	xli	FRENKEL, L., Olive Oil	xxxiv		

[Continued overleaf.]

ARGUMENT No. 1

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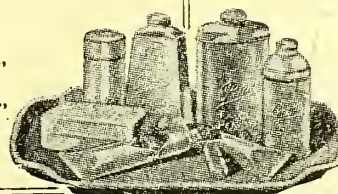
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INDEX—cont.

KNOX, WALKER, J., & Co., LD.	12	PAGE, CHAS., & Co., LD., Chemicals	xiv	SULPHURIC ACID, BOX 71/72	xii
KOLTYOS, INC., Change of Address	14	PAINESSOUS, R., Perfumery	12	SCNIGHT MANFG. Co., LD., Electric	lvi
KOPATINE CIE	32	PAINE & Co., LD., Malt Extract	16	SURGICAL SUPPLY Co.	lii
LABORATORY, THE, Embrocation	xxxii	PARKER, OXLEY & NAVE, Ect. Malt Fern	xxxiii	SWALES, THOMAS, Enemas, &c.	xliv
LANG, JULES, & SON, Glassware	41	PEARS, A. & F., LD., Soaps	5	SWISS BANK CORP., Mercantile Bk'g.	xxiv
LANGLEY-SMITH & Co., Castor Oil	xxxvi	PERRY & HOPE, LD., Malt Extract	xxxviii	TEXALO MFG. Co., Water Paint, &c.	xxviii
LANKSHEAR, WICKSTEAD & Co., LD.	xxiv	PETRI BROS., Peptane	viii	THAKORE, T. M., & Co.	xx
LAWSON & Co. (BRISTOL), LD., Rat-		PICERNO, V. A., Chemicals and Drugs	viii	THORNLEY, S., LD., Methyl. Spirit	xxvii
Quit	lxiii	PILLSCHER, J., Clinicals	42	TIDMAN & SON, LD., Sea Salt	xxviii
LAYCOCK, T., & Co.	41	POULENC FRERES, Stozaine	xxv	TIMPSON, JOHN, & Co., LD.	xlvi
LECONTE, R., & Co., Split Skins	xxxvi	POWELL, F. W., Drugs and Chemicals	vi	TITTERTON & HOWARD, Brushware	42
LEIGHTON LABORATORIES, LD., Shampoo	lviii	PREMO CONCENTRE & ESSENTIAL OIL		TOMLINSON & HATWARD	40, Text
LEROZA THEATRICAL STORES	29	Co., Essential Oils	23	TOMPKINS, J., LD., Air Cushions	li
LEVERMORE, A., & Co., LD., Precip.		PRESTON'S LIVERPOOL DIST. Co., LD.	xl	TOOGOOD, WM., LD., Toilet Powder	26
Chalk	lviii	PRICHARD & CONSTANCE (W'sale), LD.,		UCAL	4
LESLIES, LD., Plasters	1	Manicure	36	VAN DEN DORPEL, J. C. J., Benzoic Acid	12
LIVER RAZOR Co., Safety Razors	lix	PRODUCE BROKERS Co., LD.	21	VAN DER HOEK, G., Bottles	liv
LOPHOUSE & SALTNER, LD., Floor Polish	18	RANSON, W., & SON, LD., Tinctures Cover		VAN DER HOEK, G., Bottles	liv
LONABAC TRADING Co., Essential Oils	21	RAPHAELS, LD., Spectacles, &c.	lxi	VERNON & Co. LD., Surgical Dressings	xlvi
LONDON ESSENCE Co., LD., Perfumes	20	RAWORTH, J. E., & MOSS, Put. Agents	lix	VIOLIV MFG. Co.	30
LORIMER, JOHN, Sanatogen, &c.	xxvi	RAYMET & Co., LD., Shampoo	33	VISCOSSE DEVELOPMENT Co., LD., Bottle	29
MACAJONE, G., Ess. Oils	22	RED BAND CHEMICAL Co.	xxx	Cappings	29
MCKECHNIE BROS., Sulphate of Copper	xii	REDDGRAVE, BUTLER & Co., Paraffin Cover		WALTON, T. H., & Co., LD., Saccharin	40
MAC SWEENEY, B., Corn Cure	lviii	RIGAUD-CHAPELLE, French Props.	xxiii	WARMINGTON, TURNER & Co.	lii
MALLACH & Co., Chemicals	xi	RIGOLIOT'S MUSTARD LEAVES	1	WARRICK BROS., LD., Cachets, Cupules	44
MALMBERG, K., Cod Liver Oil	xxxviii	ROBERTS' PATENT FILLING MACHINE Co.	lv	WASHINGTON CHEMICAL Co., LD.	
MALMSTEIN & BERGVALL	xxv	ROBINSON & SONS, LD., Boxes	1	Magnesia	xvii
MARTIN & Co., Toilet Specialists	29	ROBINSON, B., & C., LD., Conceal-		WATFORD MFG. Co., LD.	xlii
MARTINDALE, W.	xliv	trated Water	xliii	WELLS, A. C., & Co., Bang Pour	xxxi
MAW, S., SON & SONS, LD.	11	RONOLEKE, Hot-Water Bottles	xlvii	WEST-END PHARMACY SUPPLY, Capsules	lviii
MAY & BAKER, LD., Chemicals	Cover	ROSENBLATT, SAMSON, Chemicals	xlii	WESTERN DENTAL MFG. Co., LD.	xliii
MAWSON & Co., Gelatine Capsules	xii	ROSS MANG. Co., Seidlitz Powders, &c.	xxx	WESTERN TABLET Co., LD.	xviii
MENDINE Co., Cement	lviii	ROZEN, L., & Co., Chemicals	viii	WESTMINSTER COLLEGE OF PHARMACY	lii
MIDGLEY, CHAS., LD., Soaps	35	SANAGEN Co., LD., Nerve Food	xlv	WHIFFEN & SONS, LD., Emetine Salt	ix
MILLAR, A., & Co., LD., Quinine Wine	xliii	SCHUTZE, F., & Co., LD., Puffs	lviii	WHITE BAND MFG. Co., Snowleam	34
MILNER'S CHEMICAL Co.	xxx	SCOTT'S CHEMICAL Co., Toilet Water	28	WHITE, J. & J., LD., Bichromates	x
MOND NICKEL Co., Blighty Mixture	lxii	SCURR, H. W., Manicure Requisites	lii	WHIPMAN, P., & Co., LD., Drugs and	
MOODY, C. H., & Co., Glassware	41	SHADEINE Co., Hair Dyes	lviii	Chemicals	x
MOUSLEY, F. A., Beaverpuf	25	SHIRLEY BROS., Toilet, &c.	38	WHYALL'S FOOD Co.	xl
MURDOCH, J., & Co., Drugs, &c.	xxxiii	SIEMENS BROS. & Co., LD., Electric	lvii	WIGGLESWORTH, LD.	Cover
MUTUAL TRADERS, Insect Powder	liv	SILVERTOWN LUBRICANTS, LD.	lxiv	WILKINSON CUTLERY Co., LD., Razors	liii
MY VOOR CHEMISCHE & METALLURGISCHE		SIM, LD., Ampoule Files	xxiv	WILLIAMSON BROS., Sundriesmen	42
PRODUCTEN	xxiv	SMITH, MAURICE, & Co., LD.	xxxii	WILLIS, LOW & DRUFF, Perfume	
NASH, KENYON & Co., LD., Photo-		SMITH, STANISTREET & Co., Indian		Brick	27
graphy	lix	Drugs, &c.	xx	WINOX, LD., Wine	xlii
NEW WAVCURL Co., Toilet Goods	14	SMITH, T. & H., LD., Drugs	x	WOOD, VINCENT, Hot-Water Bottles	xlix
NICHOL'S CHEMICAL Co., LD.	ii	SOLAZZI, Liquorice	xxvii	WRIGHT, A. J., LD., Electric Lamps, &c.	lx
NORWICH CREPE Co., LD., Bandages	1	SOLPORT BROS., LD., Baby Balance	xlvi	WIGGLESWORTH, E. H., LD.	40, lxii
ODDS ON SPECIFICS Co., LD., Lini-		STANSFIELD, J. L., Cotton Wool	lii	WYLEYS, LD., Pharmaceuticals	Cover
ment, &c.	xxxii	STEPHENS BROS. & Co., Ess. Oils	21	ZEAL, G. H., Clinics	lx
OLDHAM, J. V., Wines	xl	STERN, LD., Oils, Petroleum, &c.	xxxvii	ZENOBIA, LD., Perfumes	12
OSMOS APERIENT WATER	xlii	STEVENS & Co., Prices Current	xlii	ZIMMERMANN, A. & M., LD., Chemicals	xi
OURY, MILLAR & Co., Gelatines	xxxii	STEPHENSON, R. A., LD., Gummed Tape	xliv	ZIMMERMANN, C., & Co. (PHOTO-	
P.A.T.A.	xliv	STOKES, C. A., & Co., LD., Toilet	28	GRAPHIC), LD.	xiv
		STRODE, COSH & PENFOLD, Toilet Cream	28	ZI-ZI Co., Ointment	xxix

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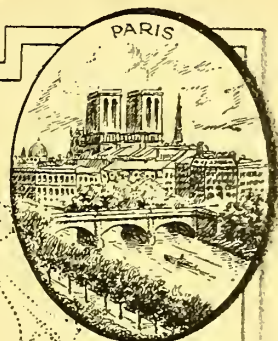
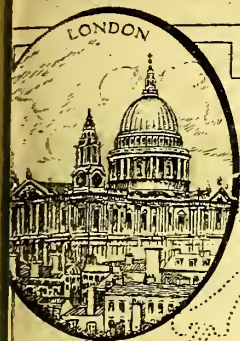
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Citric Acid	Peppermint Oil	Tannin Albuminate
Cocain	Pepsine	Tartaric Acid
Coumarin	Peptone	Terpineol
Creosote Carbonate	Phenacetin	Terpine Hydrate
Eucalyptus Oil	Phenazone	Theobromine
Gallic Acid	Phenolphthalein	Thymol Crystals
Glycerophosphates	Pyrogalllic Acid	Vanillin

R. W. Greeff & Co.

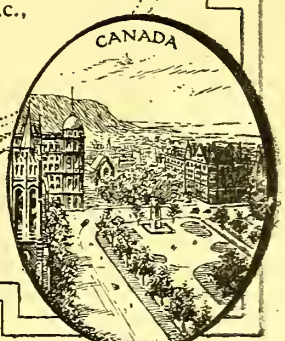
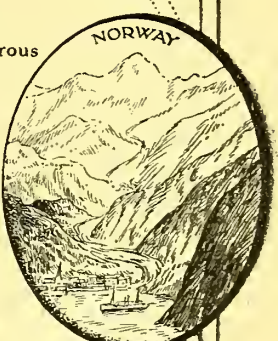
THAMES HOUSE, QUEEN STREET PLACE,
LONDON, E.C.4.

MANCHESTER BRANCH

Lloyd's Bank Buildings,
King Street.

NEW YORK AGENTS

R. W. Greeff & Co., Inc.,
78, Front Street.



*A copy of this Prospectus has been filed with the Registrar of Joint Stock Companies.
The Subscription List will close on or before January 22nd, 1920.*

ROBERT BAILEY & SON, Limited

(Proprietors of The Cynta Manufacturing Co.)

Incorporated under the Companies Acts, 1908-17.

SURGICAL DRESSINGS AND COTTON MANUFACTURERS.

Authorised Capital - - - £100,000.

Divided into 99,700 Preferred Ordinary Shares of £1 each. 6,000 Deferred Ordinary Shares of 1/- each.

Issue of 64,700 Preferred Ordinary Shares of £1 each and 6,000 Deferred Ordinary Shares of 1/- each, of which

30,000 Preferred Ordinary Shares of £1 each are now offered for Subscription at par.

Payable as follows: 2/6 per Share on application, 17/6 per Share on allotment.

The Preferred Ordinary Shares will be entitled to a non-cumulative preferential dividend of 10% per annum, and to 50% of the surplus profits of each year, and in a winding-up to the repayment of their capital and 50% of the surplus assets.

The Deferred Ordinary Shares will be entitled to 50% of the profits of each year after the Preferred Ordinary Shares have received a dividend of 10%, and in the event of a winding-up to 50% of the surplus assets, after the Preferred Ordinary Shares have received repayment of their capital.

The Company takes over the businesses of Robert Bailey & Son and The Cynta Manufacturing Co., Manufacturers of Surgical Dressings and Ladies' Sanitary and Hygienic Specialities, as from December 1, 1919, and dividend will be paid on all Shares as from that date.

In going to allotment the Directors will give preference to the Trade, Customers, Employees, and other persons having dealings with the Company.

There are no Mortgages or Debentures on the property or assets of the Company.

None of the Shares have been underwritten.

Brokerage at the rate of 3d. per Share will be paid on Shares allotted on applications bearing Brokers' stamps.

Directors.

ALBERT BAILEY, Surgical-dressing Manufacturer, "Knowl Gap," Haslingden. (Chairman.)

ALBERT ASHWORTH BAILEY, Surgical-dressing Manufacturer, "Fairhaven," Bramhall Lane, Stockport. (Managing Director.)

EDWARD GLOVER BURTINSHAW, Surgical-dressing Manufacturer, 530 Dialstone Lane, Stockport.

Bankers.

THE LANCASHIRE AND YORKSHIRE BANK, LIMITED, Stockport.

Solicitors.

WILLIAM JOHNSTONE & Co., 8 Vernon Street, Stockport.

Auditor.

HARROP MARSHALL, Chartered Accountant, Stockport.

Secretary and Registered Office.

E. G. BURTINSHAW, Marriott Street Mills, Stockport.

PROSPECTUS.

OBJECTS.

THE Company is formed for the purposes specified in the Memorandum of Association, a copy of which is printed in the fold of the Prospectus, and to take over as a going concern and further develop the businesses carried on by the vendor: Albert Bailey, "Knowl Gap," Haslingden, under the name of Robert Bailey & Son, Marriott Street Mills, Stockport, and 151/7 Goswell Road, London, E.C. 1, and The Cynta Manufacturing Co., St. Thomas' Place, Stockport.

The Company will acquire the whole of the buildings, plant, water-rights, and stock-in-trade, together with the goodwill, trade-marks, and the advantage of all contracts and work in hand on the 1st day of December, 1919, and will discharge all liabilities of Robert Bailey & Son and The Cynta Manufacturing Co. on that date.

The vendor agrees to sell to the Company the goodwill of the above businesses, and the whole of the above property, rights, and interests for the sum of £35,000, which sale will be satisfied by the allotment to the vendor or his nominees of 34,700 fully-paid Preferred Ordinary Shares of £1 each and 6,000 fully-paid Deferred Ordinary Shares of 1s. each in the Company. The whole of the purchase money is being taken in shares.

No cash payment is being made, and no payment is being made for goodwill, trade-marks, etc., which form a valuable asset, especially in view of the extensive advertising carried out during the last two years, all of which has been charged to Revenue.

INFORMATION REGARDING THE VENDORS' BUSINESSES.

ROBERT BAILEY & SON commenced business in 1912 at Rochdale as Manufacturers of Surgical Dressings, and during the war almost the whole of their output was manufactured for the British and Allied Forces. The Cynta Manufacturing Company, Manchester, was purchased in 1915, and it has shown that the business of Ladies' Sanitary Towels and Hygienic Specialities is one that can be combined and worked very successfully in conjunction with Surgical Dressings.

In 1917 the two businesses were removed to Stockport, where they occupy adjoining premises. This change has proved highly satisfactory, as not only

were larger quantities of Dressings produced during the war, but now the complete plant is working under ideal and efficient conditions, and being entirely new and electrically driven is capable of a large output of high-class goods, as testified by the ever-increasing demand for "Zorbo" Registered Dressings and "Cynta" Registered Towelines and Ladies' Specialities.

The situation of the Mills at Stockport (where there are four of the principal railways) in conjunction with the Company's London Warehouse, places the Company in a unique position for quick delivery, which is very important.

No purpose can be served by the publication of the profits during the war period, as such profits cannot furnish any data for present-day trading.

The change over from War Work to Peace Work has been very successfully accomplished, and the results are highly satisfactory, as after paying all charges, including advertising, and allowing for excess profits duty, the net profits are now more than sufficient to pay the 10% per annum on the whole of the present issue.

PROSPECTS.

The prospects of the Company are considered excellent in every way, and with the progress Hygiene is making in all civilised countries, a very large demand is expected for the Company's Hygienic Sanitary Towels and Ladies' Hygienic Specialities, and a dividend of not less than 15% may be anticipated.

INDEPENDENT VALUATION.

Messrs. Rushton, Son & Kenyon, Norfolk Street, Manchester, have valued the Company's premises, plant, etc., and a copy of their report is given below: *Valuation of Marriott Street Mills, situate in Marriott Street, Stockport, the property of Messrs. Robert Bailey & Son.*

Land and Buildings	£20,933
Motive power, plant, and machinery,	
Office Furniture, Fixtures, Fittings,	
etc. (excluding stock-in-trade and	
New Stores)	18,370

We value the foregoing as a going concern at the sum of Thirty-nine Thousand, Three Hundred and Three Pounds, and certify accordingly.

(Signed) E. RUSHTON, SON & KENYON,
Auctioneers, Valuers, and Fire Loss Assessors,
13 Norfolk Street, Manchester.

Dated December 24th, 1919.

AUDITORS' REPORT.

A valuation of the Land, Buildings, Plant and Machinery has been made by Messrs. Rushton, Son & Kenyon, and taking the figures of this valuation, I certify the net assets of the Company at November 29th, 1919, are as under:

Land, Buildings, Plant, and	
Machinery as valued	£39,303 0 0
Book Debts and Cash in hand	10,185 8 9
Stock-in-trade at or below cost	11,179 14 10
	60,668 3 7
Deduct Liabilities as shown by	
the books and Reserve for	
Excess Profits Duty	25,146 8 0
Net Assets exclusive of Goodwill	£35,521 15 7

I am, Gentlemen,

Yours faithfully,

(Signed) HARROP MARSHALL,

Chartered Accountant, 18 Union Road, Stockport.

Dated December 31st, 1919.

From the above certificate it will be observed that the Company are purchasing from the Vendor actual assets, exclusive of goodwill, over and above the purchase price of £35,000, leaving the whole of the proceeds of this issue for working capital and extension of the Company's businesses.

The following information is given in compliance with the Companies Act:

Agreement.—The Contract for Sale is dated the 23rd day of December, 1919, and is made between the said Albert Bailey of the one part and the Company of the other part. The purchase price is £35,000, which is to be satisfied by the allotment of 34,700 Preferred Ordinary Shares and all the 6,000 Deferred Ordinary Shares as fully paid up. No separate amount is payable for goodwill. Under this agreement all costs of and incidental to the preparation and execution of the Agreement and the Memorandum and Articles of Association of the Company and the Registration thereof, and of all stamps, fees, and legal expenses incidental to the formation of the Company, and generally all expenses whatever incurred in relation to the Company are payable by the Company.

The minimum subscription of which the Directors may proceed to allotment in the case of an offer of shares to the public is 10% of the shares offered, and if there is no such offer 10% of the shares payable in cash.

Voting.—On a show of hands every Member personally present shall have one vote only, and in case of a poll every member shall have one vote for every share held by him, whether Preferred Ordinary or Deferred Ordinary.

Qualification of Directors.—The holding in his own right alone, and not jointly with any other person, of shares or stock of the Company of the nominal value of £1,000.

There shall be paid to the Directors annually for their services the sum of £100 each, free of income tax, or such larger sum as the Company in ordinary meeting may at any time and from time to time determine. The Directors shall be repaid in addition all travelling or other expenses incurred by them when engaged upon the business of the Company.

Managing Director.—Remuneration may be made by way of Salary or Commission or participation in profits or by all or any of these modes, and in addition to, or in lieu of, his remuneration as a Director.

The preliminary expenses are estimated at £1,500.

Application must be made on the accompanying form and lodged with the Lancashire and Yorkshire Bank, Limited, Stockport, together with the amount payable on application. If no allotment is made the deposit will be returned in full, and if a partial allotment is made the surplus will be applied in payment of the amount due on allotment, and the balance, if any, returned.

Interest at the rate of 10% per annum will be charged on instalments in arrear. Default in payment of allotment money will render the shares liable to be forfeited.

A copy of the above-mentioned Contract, and the Memorandum and Articles of Association, together with a copy of the Valuers' and Auditor's Report, may be inspected at the Company's Registered Office, between the hours of 9 A.M. and 5 P.M. during the period this issue is open for subscription.

Dated 9th January, 1920.

Form of Application is to be found overleaf.

Registered Office : Marriott Street Mills, STOCKPORT.

PRIVATE.**ROBERT BAILEY & SON, Ltd., Marriott St. Mills, STOCKPORT.**

BANKERS—THE LANCASHIRE & YORKSHIRE BANK, LIMITED, STOCKPORT.

FORM OF APPLICATION FOR SHARES.
(To be retained by Bankers.)

To the Directors of ROBERT BAILEY & SON, Limited,

GENTLEMEN,—

Having paid to you or your Bankers the sum of £.....being a deposit of 2s. 6d. per share on.....Preferred Ordinary Shares in the above-named Company, I/We request you to allot me/us that number, and I/We hereby agree to accept the same or any smaller number that may be allotted to me/us, subject to the terms and provisions of the Memorandum and Articles of Association of the Company; and I/We authorise you to place my/our name on the Register of Members in respect of the shares so allotted to me/us. If no allotment, the application money will be returned in full. I/We hereby declare that this application is not made by or for the benefit of an enemy subject within the meaning of the Trading with the Enemy (Amendment) Act, 1916.

Name in full

Address in full

Profession or Occupation

Date 1920.

"C. & D."

Ordinary Signature

**BRIGHT AND SOLUBLE****SCALE PREPARATIONS**

Answering to all B.P. requirements.

IRON & AMMONIUM CITRATE
IRON & QUININE CITRATE

Samples and Prices to all Wholesale Buyers.

STAFFORD ALLEN & SONS, LIMITED,

COWPER STREET, FINSBURY, LONDON, E.C.2.

Telegrams:
"Persic, Finsquare, London"Telephone:
London Wall 6556 (3 lines).

Maw's Page.

S. MAW · SON & SONS · LTD
7/12, ALDERSGATE ST. LONDON, E.C.1., ENGLAND.

NO. 431
17:1:20

A Boudoir Peep.

"UPSTAIRS, downstairs, in My Lady's chamber"—there's not a single room in the modern home where the merchandise of the chemist and druggist is not evident.

My Lady is even now away to her chemist to buy fresh unguents and lotions wherewith to dazzle the eyes of her lord and master—so let us take a discreet peep into her boudoir.

Look at that dainty dressing table. There is not a single preparation upon it which does not come within your province, Master Druggist. Eau de Cologne, cold cream, face powder, dental cream, nail polish, lip salve—what a goodly and bewildering array of health and beauty accessories it is to be sure!

What a volume of business it means for Master Druggist, too, and how important that he should be sure that every article he supplies should be of a fine quality and a dependability that will keep My Lady's regard for his wares steadfast!

To descend from Pegasus—the toilet table has an ever-open Maw. It is ever hungry for repetition of bottle, pot and vial.

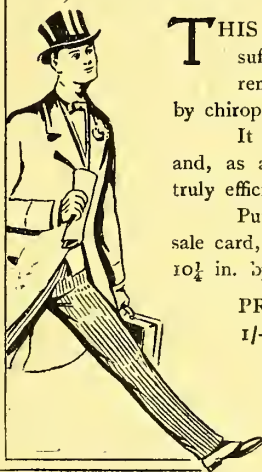
Quality from you in toilet accessories will keep up the toilet table's appetite for your goods, but once let quality deteriorate and the appetite for your goods goes.

Isn't it good trade policy to make sure of quality by having your stock orders filled by a firm whose very name is a synonym for quality and never-failing dependability?

For instance—the House of Maw.

Discuss

MAW'S 'ANGLE' CORN PARER



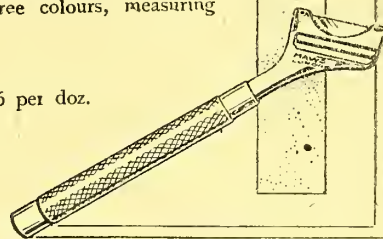
THIS little Instrument appeals to all sufferers who are convinced that the remedy for Corns is prompt removal by chiropodistal methods.

It is made on the safety razor principle and, as a Corn Parer, does its work in a truly efficient manner.

Put up in sets of three upon attractive sale card, printed in three colours, measuring 10½ in. by 8 in.

PRICE:

1/- each, or 11/6 per doz.



'Tins of Quality'

THE empty Carbolic Tooth Powder Containers illustrated here are made in two sizes as follows:

6d. size, 2½ in. by 1½ in.
1/- " 3 " " 1¼ "

They are handsomely designed and elegantly printed in three pleasing colours upon the best quality gilt plate.

Here is your opportunity to replenish diminishing stocks of Tooth Powder Tins for the purpose of boxing own preparations.



PRICES:

6d. Size, 17/6 per gross.
1/- " 26/6 " "

Maw's—"The House of the Moment."



PRODUITS

Scientifiques d'Hygiène et de Beauté

Parfumerie Française de Grand Luxe
PACAUT—PARIS.

Ses Parfums ont de la fleur, la finesse, le charme, la fraîcheur, et la volupté.

AMBRE, JASMIN-VIOLETTE, ROSE, MUGUET, LILAS,

HELIOTROPE, MOUSSE FLEURIE, DISCRET,

EAU DE COLOGNE AUX FLEURS,

PÂTE DENTIFRICE, CRÈME POUR VISAGE,

POUDRE DE RIZ, SAVON, EAU DE TOILETTE, LOTION POUR CHEVEUX.

René Paindessous, General Representative for the U.K.
WHOLESALE ONLY. 150 Southampton Row, London, W.C.

ASK FOR OUR PRICE LIST.

OBTAINABLE FROM ALL CHEMISTS AND STORES IN THE U.K.

The Advertising behind ZENOBIA

The distinctive advertising which is appearing in journals of importance is creating a steadily increasing demand for Zenobia Perfumes. The Zenobia Perfumes are the last word in true flower fragrance.

ZENOBIA
CONDENSED PERFUMES

Retail prices are 3/-, 6/-, and 12/6 per bottle; whilst Trade prices are 27/-, 54/-, and 108/- per dozen, less usual discount.

You should share in the prosperity brought by Zenobia merits and Zenobia advertising by ordering sufficient supplies to meet future demands.

ZENOBIA, LTD.
WHOLESALE MANUFACTURING
AND EXPORT PERFUMERS,
LOUGHBOROUGH, ENGLAND.

The Evan-Williams

Always in Great Demand.
Price List on Application.

The Evan-Williams Co., Ltd., 18, Ogle Street, W.L.

ORIGINAL HENNA SHAMPOO.

The Dye with a Reputation for reliability.

ROYAL COURT HAIR DYE

SEVEN SHADES.

16 size 12 - doz. 2/6 size 18 - doz. P.A.T.A.

The only dye giving a natural gloss to the hair.

From all wholesalers or direct

J. KNOX-WALKER & Co., Ltd., 422 Kingsland Rd., London E. 8.

TOILET ROLLS, 7/6. White Tissue, 6/6 ream, Nature Brown, 4/9 ream, Coloured Tissues, 20 x 30, 7/6, White Demy and Seidlitz Blue, Billheads from 5/6 1,000. Labels at cheap rates, Envelopes from 4/9, Seed Bags, Paper Bags, Tags, etc. Lists and Samples, 3d. stamps. Manufacturers of Writing Pads and Compendiums.

CHEVERTON & LAIDLER, - Wholesalers. DUNSTABLE.

PURE BENZOIC ACID AND SODIUM BENZOATE

Write for offers to J. G. J. van den Dorpel, Scheveningen, Holland, Nieuwe Parklaan 139, who delivers quantities of 20/30/40 kg. out of stock from Rotterdam EVERY TIME.

Cable Address: "DORJAN SCHEVENINGEN."

NOVELTIES.

POTTER & MOORE'S

Old English Lavender Water

IN WICKERED BOTTLES

POTTER & MOORE'S

Frozen Lavender Water

THE POPULAR PERFUME IN STICK FORM

BUISSON FRERES'

Oriental Poppy

A DAINTY PERFUME IN AN ATTRACTIVE PACKAGE

BUISSON FRERES'

Frozen Eau de Cologne

A FRAGRANT EAU DE COLOGNE IN STICK FORM.

We invite your inquiries.

Sole Proprietors :

W. J. BUSH & CO., Ltd.

Ash Grove , - - HACKNEY, E. 8.

KOLYNOS INCORPORATED

beg to announce the

REMOVAL

of their Offices from 43/44 SHOE LANE, E.C.4., to—

156/157 ALDERSGATE STREET, E.C.1.

Our Telephone Number is now City 2571 (3 lines), and

Our Telegraphic Address is—"Kolynosing, Cent, London."



WAVCURL

THIS article has now been sufficiently long before the public to enable them to sample its merits. This the public have done on a large scale, and many delighted users have come again and again to the retailers they buy from for further supplies. The demand has been extraordinary. At first the proprietors tried to cope with it per post, but they soon saw that this was too cumbersome and tedious a method, and they are now gladly availing themselves of the services of the trade. Wavcurl is a first-class seller and a first-class payer, too. The profits are all they should be on a toilet line, as any reader can see for himself in the P.A.T.A. Protected List. Forty per cent (40%) should surely awaken your interest, especially in a line that sells at sight. All classes of ladies, from the titled dame to the busy factory worker, are using it as their readiest means of keeping themselves attractive, notwithstanding the great demand there is just now upon their time. To the user it is a great time-saver; to the seller, a great money-maker. We invite your application for Showcards and Dummies for window-dressing. A Wavcurl window-show in an industrial or factory area will simply make the shillings shower into your till. Address post card to

THE WAVCURL CO.,
FULWOOD HOUSE, HIGH HOLBORN, W.C.1

	Per doz.		Per doz.
1/6 Wavcurl (in packets) ...	9/-	1/6 Duvetine (Superfluuous Hair Remover) ...	9/-
2/9 Wavcurl (in bottles) ...	21/-	1/6 Wavcurl Hair Tonic (9 in Powdered Form) ...	9/-
1/6 Complexion Cream ...	10/-	1/6 Eyelashine ...	9/-
2d. Shampoo Powder ...	15/-	Showcards for Window Dummies for Show	no charge
	gross.		

Agents: PARIS.—A. W. Scott, 39 Rue du Mont Thabor. CANADA.—W. W. Barry, 1 Port Street, Montreal.

AYRTON'S WEEKLY

PAGE
15

Dyes that do !

We have been appointed the sole distributing agents for the Eagle brand Household Dyes for Gt. Britain and Ireland.

The Eagle brand Dyes have already built up a big reputation in many parts of the world, because they give perfect results. The Black is really black, and not grey. Navy Blue, Dark Green, Violet, etc.—the amount of Dye in each packet is just what is required to produce a full shade of the proper colour, and, mark well, a colour that lasts, for Eagle Dyes are really fast Dyes.

Eagle brand Household Dyes are in two varieties, one for cotton, the other for wool and silk, and the following shades: Black, Old Rose, Claret Red, Pink, Orange, Brilliant Yellow, Light Green, Dark Green, Light Blue, Navy Blue, Lavender, and Dark Brown.

**Striking
Display Outers**
supplied with all orders.

SHADE CARDS FREE.

Eagle Dyes
can be used as Tints
where desired.

FIXED MINIMUM PRICES—

Retail	-	-	-	-	per packet,	7½d.
Wholesale	-	-	-	-	per gross,	60/-

**AYRTON, SAUNDERS
& CO. LTD LIVERPOOL**

SAVE 3/- PER GALLON
BY BUYING
GUARANTEED GENUINE
NEWFOUNDLAND NON-FREEZING
MEDICINAL COD LIVER OIL
OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address "JOB LIVERPOOL"

Telephone CENTRAL

Agents of ST. JOHN'S, N.F.

Established 1789

"John Bull"

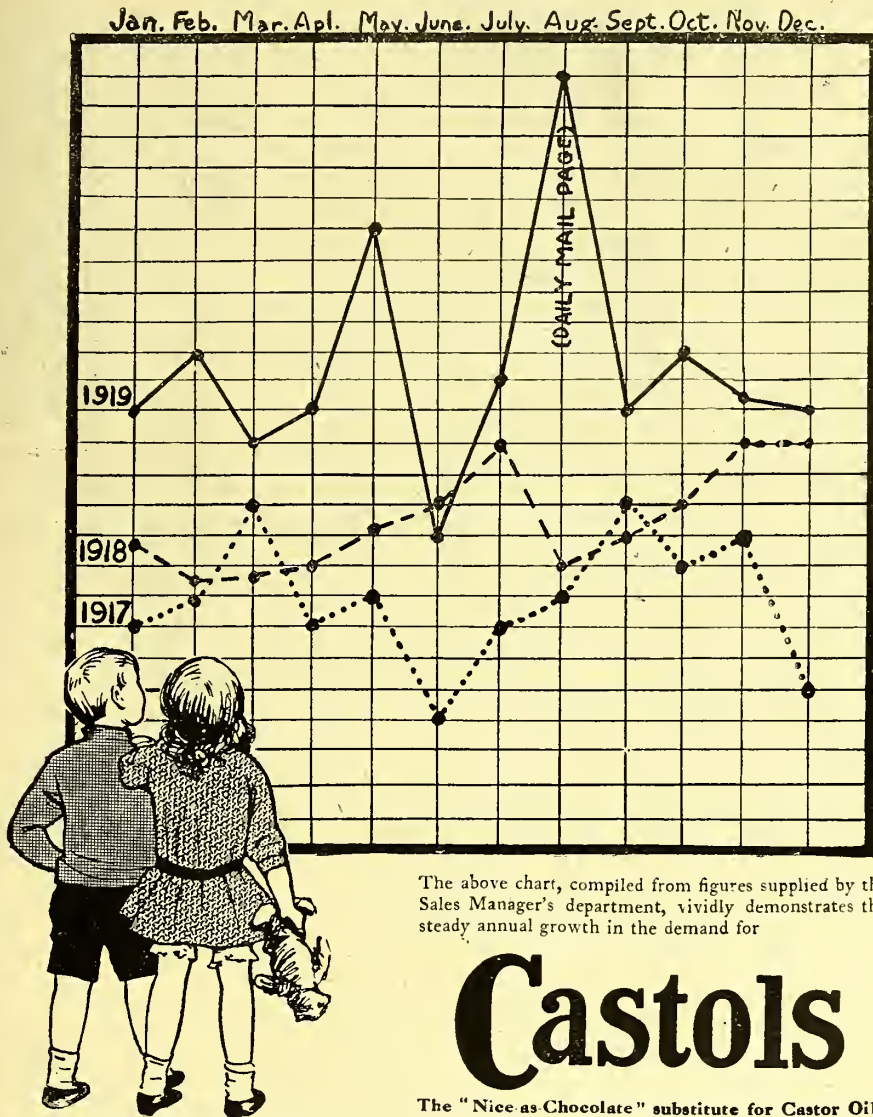


MALT EXTRACT

IS THE BEST!!!

Wholesale & Export Only.

PAINE & CO., LTD., ST. NEOTS, HUNTS.



The above chart, compiled from figures supplied by the Sales Manager's department, vividly demonstrates the steady annual growth in the demand for

Castols

The "Nice-as-Chocolate" substitute for Castor Oil.

Are you getting
your share of this
extra turnover?

Little Cissie Castol (to her brother):
"I say, Bobbie, aren't we growing!"

There is a fresh kerfoot announcement each week, usually on p. 17. Pharmaceutical Pelmanists will find this number particularly easy to associate with our name.

THOMAS KERFOOT & CO LTD,
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1767.

COPYRIGHT



SLIPPERINE
REGISTERED
**BALL ROOM
FLOOR POLISH**

IS JUST THE "LITTLE
BETTER" THAT MAKES IT
THE EASIER TO USE
THE EASIER TO SELL

*A "Slipperined"
Floor is perfect.*

1/6 Sprinkler Tins, 12/- dozen.

From the following Who'sale Houses :

MAY, ROBERTS & Co., Ltd., London and Dublin.
RAIMES, CLARK & CO., Edinburgh.
HARKNESS, BEAUMONT & CO., Edinburgh.
T. & H. SMITH, Ltd., Edinburgh.
PINKERTON GIBSON, Edinburgh.
LORIMER & MOYES, Ltd., Glasgow.
W. PATTERSON & SONS, Aberdeen.
HARKNESS, GALLACHER & RUFF, Pollokshields.

Where not represented, the makers will gladly send
a first order for one dozen carriage paid. Cash with order

Showcards & Window Bills supplied.

MAKERS—

**JOHNSTON & ADAMS,
Dundee, Scotland.**

**Effective, Showy, and
Very Saleable**

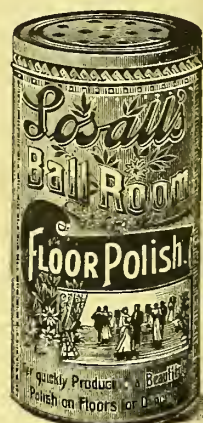
**Losall's - -
Ball-Room
Floor Polish**

For quickly producing
a perfect Polish on
Floors for Dancing.

Handsome three-coloured
Enamelled Tin,
Perforated Top.

P.A.T.A.
1/6

Per Dozen.
13/6



LOFTHOUSE & SALTMER, Ltd.

Wholesale and Export Drug Merchants and
Manufacturing Chemists,
HULL.

**Our Superfine
Quality Paper**

coated with

PURE GUM ARABIC

makes an

**IDEAL GUMMED
PAPER**

for

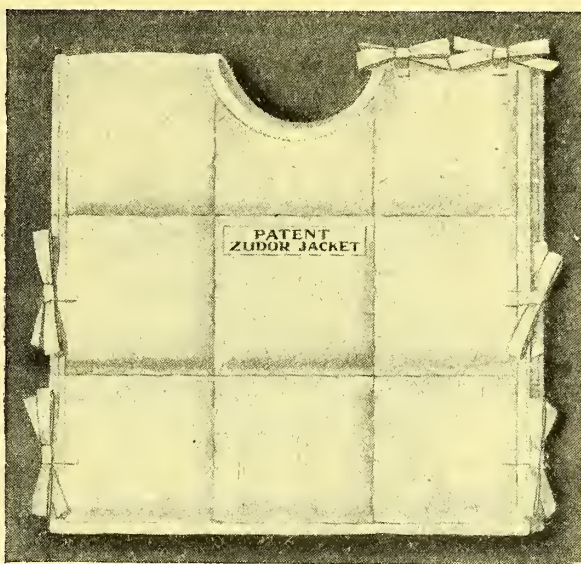
Chemists' Labels.

**Samuel Jones & Co.,
Bridewell Place, London, E.C.4.**



For Chest Colds,
Bronchitis and Pneumonia,
or as a Chest-Protector
recommend—

"ZUDOR" JACKETS



In Six Sizes and Two Qualities.

(Any special size made to Order).

No.	Cotton		Retail	Lamb's		Retail
	Across Chest.	Shoulder to waist.		Wool Per doz.	Wool Per doz.	
1.	8 in.	6 in.	9/6	1/3	16/-	2/-
2.	10 in.	8 in.	12/-	1/6	20/-	2/8
3.	12 in.	10 in.	16/6	2/-	24/-	3/4
4.	15 in.	12 in.	20/6	2/6	28/-	4/-
5.	19 in.	13 in.	25/-	3/-	32/-	5/-
6.	21 in.	15 in.	30/-	3/9	40/-	5/6

Showcards .
and

Advertising Matter

supplied with each Order.

CUXSON, GERRARD & Co., Ltd.
OLDBURY, near BIRMINGHAM.



An elegant preparation which rubs smoothly into the skin without feeling sticky. It is pleasantly perfumed and commands a ready sale.

In small tins at 12/- and 18/- per gross.

In collapsible tubes 4 in. x 1 in. packed each in a carton, 5/6 per doz.

HALL FORSTER & CO. LTD.

MANUFACTURING
CHEMISTS

NEWCASTLE-ON-TYNE.

Lescol Perfumery

NOTICE.

New and attractive lines will be brought out shortly, and an illustrated catalogue sent out. In the meantime we will send on application a supplementary list of lines in stock, popular in price and advantageous in sale.

We can also offer to advantage Perfumery in Bulk in two qualities—Essential Oils of guaranteed purity; Floral Ottos for Cachous, &c.; Fruit and Soluble Essences, Chemicals, &c.

THE LONDON ESSENCE CO., Ltd.

(Proprietors of THE LESCOL PERFUMERY CO.)

Lomond Grove, Camberwell, LONDON, S.E.5.

Telephone: 810 HOP.

Telegrams: "VANILLIN, CAMBER, LONDON."

LONABARC TRADING COMPANY

LIMITED.
SOLE IMPORTERS OF

THE BRAND



OF QUALITY

PURE SPANISH ESSENTIAL OILS

Maintain a high standard of purity and reduce your manufacturing costs by utilising the resources of

THE FIRM WITH THEIR OWN HOUSE IN SPAIN

"WHERE THE OILS COME FROM."

Send your inquiries to

5 FINSBURY SQUARE, E.C.2.

Telephone: LONDON WALL 9020.

Telegrams: "LONABARC, FINSQUARE, LONDON."

ROURE BERTRAND FILS, GRASSE. *Established 1820.*

LAVENDER (French), SPIKE LAVENDER (French and Spanish)

NEROLI, GERANIUM (African and Bourbon), SANDALWOOD, PETITGRAIN (French and American),

VETIVER (Java and Reunion), ROSEMARY, BOIS DE ROSE FEMELLE, YLANG, &c.

ORRIS CONCRETE and LIQUID.

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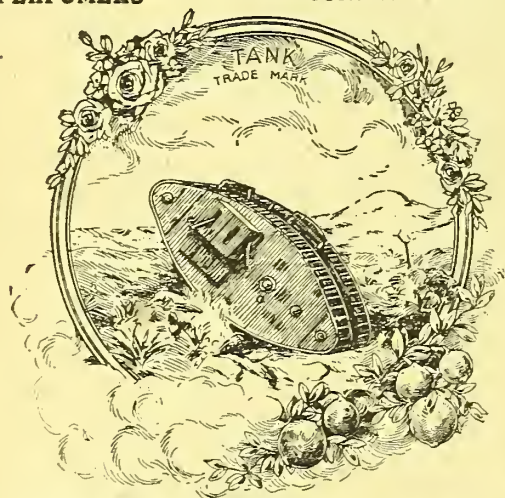
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The Ladies' Natty Friend.

B. quality
Brown
Fur
3/11
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Additional Powder Bags, 6d. each.

Just out. Demand great.
Delightfully soft in use.
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We SPECIALISE in TOILET GOODS. NOT
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This Exceptional Offer is made purely as an advertisement.



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A delightful preparation that is gaining favour because it really does whiten and beautify without injury and is *USED BY WELL-KNOWN CINEMA and THEATRICAL STARS FOR THIS REASON.*

250

PER CENT.
CLEAR

PROFIT

AND A BIG ADVERTISING SCHEME THROWN IN.

This offer is made with a view to more business with you. Never before in the history of advertised proprietaries has such an offer been made. There is only one condition, that is, you *must* promise when sending your cheque *not* to cut the selling price of 6d.

We do not allow cutting.

Send your Cheque for £2. 2. 0 for one gross of 6d. "Cinema" Dentifrice, and we will send you free of charge one gross of 6d. "Cinema" Face Powder, complete with sale cards, carriage paid.

In addition we will send you a supply of the great 2d. Cinema Journal, *The Picture Show*, with our advertisement on the back page, which you can give away free to your customers.

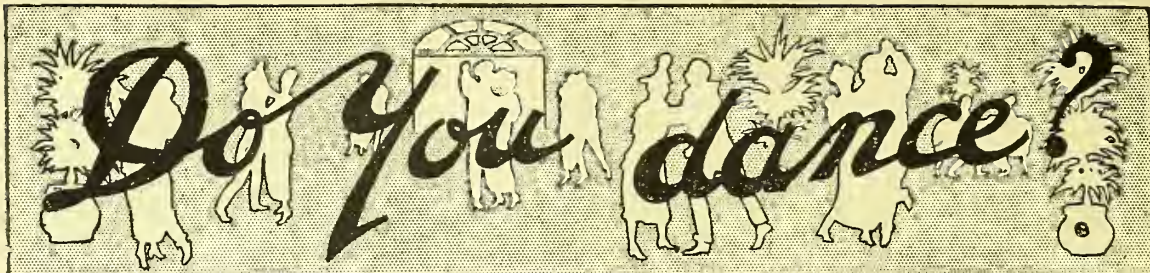
Now then, Mr. Pharmacist, get busy, send to-day. Our usual price is 42/- a gross. Cross cheques, and make them payable to—

THE CINEMA SOAP CO.

22 Finsbury Park Road - LONDON, N.

West-End Office: 65 Regent House, Regent St., W.

Telephone: Mayfair 3150.



**A Medical opinion of
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"I have tried Dulc-o-do in cases of excessive perspiration of feet, axilla, etc., and it has succeeded after Formalin, Belladonna, etc., have signally failed. I myself have suffered from excessive perspiration in the axilla, due to Malaria, which I got in India several years ago. I have also tried it, and it has completely relieved the condition. It seems to me a most excellent preparation."—Dr. H—M.B. Ch. B.

Mr. PHARMACIST!

We have many customers in your district who write us in this style:

Dear Sirs,—Kindly send me two more bottles of Dulc-o-do. I may say it is the finest thing I have ever tried. It should be better known, as there are so many useless preparations sold for this purpose.

Yours truly, S. M. &

DULC-O-DO is a harmless toilet water which corrects excessive perspiration, makes dress shields unnecessary and instantly removes its odour. Well advertised in ladies' papers. May we add your name to our depot file and direct all inquiries from your locality to you.

Send 20/- for sample dozen, showcards and best terms. Minimum retail 2/6

SCOTT'S CHEMICAL CO.
47 Huddlestons Road,
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Dulc-o-do

The Harmless
Toilet Water
for
**EXCESSIVE
PERSPIRATION**

STRODONIA Vanishing Cream.

For displaying a small showcard we make the following offer on INITIAL DIRECT ORDERS (one parcel only).

1 doz. 10 1/2 d. selling for 10/6 }
2 doz. 1/3 " " 7/6 } **13/-**

For 10/- Cash with order. Carriage Paid.

10 1/2 d. and 1/3 ... 7/6 & 10/6 per dozen
FROM LONDON WHOLESALEERS.

Direct orders value £5, subject to 1 doz. 1/3 size Bonus for window display and 5% discount cash, one month; £2/10/0 subject to 2 doz. 1/3 size Bonus for window display, net. £1/10/0 subject to 2 doz. 1/3 size Bonus for window display, net.

Carriage paid on £1/10/0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL



Toilet Preparations

GIVE MAXIMUM PROFIT
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Comprise Dental Cream, Dental Powder, Toilet Powder, Toilet Snow, Toilet Cream, Bath Crystals, Bath Tablets, Nail Polish, Lip Salve, Shampoos, Solid Brilliantine, Camphor Ice, Water Softener.

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To assist you in promoting sales, our advertisements carry the following offer: Customers presenting a copy of any of our advertisements within two weeks of the date of publication qualify for a 33 1/3% rebate. This reduction, however, will not alter your profit on the line. Send us the cutting, and we will forward either cash, a credit note, or goods to the full value by return. Send for details, or ask our representative to wait upon you with a full range of samples.

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For SHIPPERS

Good Toilet Goods

SHAVING STICKS,
BRILLIANTINES,

DRY SHAMPOO (Liquid and Powder), BAY RUMS, TOILET PARAFFINS, LIME CREAMS, POMADE HONGROISE, TOOTH POWDERS, DENTAL CREAMS, VANISHING CREAMS, SHAMPOO POWDERS, and all TOILET GOODS.

SAMPLES AVAILABLE.

C. A. STOKES & CO., Ltd., 11 Eclipsol Works, BRISTOL.

THE PRICES

8 doz. No. 7 P.A.T.A. 8½d. at 5/- doz., 6 doz. No. 9 P.A.T.A. 1/- at 7/- doz., packed in the attractive "two-green" label and carton, in half-dozen cartons, along with Showcard: "BEAUTY IN THE MAKING."

THE QUALITY

is its premier charm; it is finer than anything we have yet seen or made, indeed it is for this account mainly that all the first-class chemists insist on the "two-green" carton.

IT NEVER GOES RANCID

and is always reliable, smooth, emollient, bland, perfectly white and perfumed with real Otto of Roses.

CHRISTY'S

COLD CREAM

If you are interested in Cold Creams at all and would like to know that you are actually handing your customers a preparation of which you would be proud then get "Christy's." Moreover, there's a showcard with each counter box of ½ doz., and the line is constantly in the papers. As for the margin—consider the above, we think it will please you.

SEND FOR A TRIAL LOT TO-DAY.

THOS. CHRISTY & Co., 4/1 20LD SWAN LANE, LONDON, E.C.4



— and when the string breaks this is what happens with a paper cap.

SEMREH

BOTTLE CAPS are not only SELF-FIXING, but they stay fixed.

Details on request.

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Advertisers are prepared to undertake the blending of Shampoo, Tooth, and other Toilet Powders, in large or small quantities at lowest possible rates. Good workmanship and prompt delivery. Ingredients supplied if desired at lowest market prices. Write stating requirements.

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All Chemists and Stores adjacent to Theatres and Music Halls should stock the famous

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Used and recommended by all the leading artistes, including The Two Bobs, Ernie Mayne, Miss Victoria Monks, Shaun Glenville, and scores of others too numerous to mention. Sells at 1/9 per tin box (about 11 oz.) costs 15/6 per dozen carriage paid. Cash with order.

From the Sole Inventor and Manufacturer, ARCHIBALD MOLE-FLOYD
The LEROZA THEATRICAL STORES, 71, 73 & 75 Cambridge St., Glasgow.

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SHAMPOO DE LUXE

A superior tonic and hygienic Shampoo at a popular price. Packed in dainty slide cartons. Elegant in appearance and delightful in use. Perfumed with Irish Elegance. Counter boxes supplied.

Full particulars en requ

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LOTOZONE TOOTH PASTE
LOTOZONE CREAM
LOTOZONE FACE POWDER
LOTOZONE POWDER PAPER

The new Shampoo Salesman, ready January 1st, 1920, gives full details of prices and profit.



£1 15 2

outlay on a gross of Violiv Ice brings you trade to the extent of

£3 7 6

That represents a profit of 88% on outlay. And—**VIOLIV ICE** is a wonderful emollient—it is so good at its work that users never accept substitutes. That makes it a ready "repeater"—so bring it prominently before the notice of customers



will make them permanent friends at your store.

Send P. O. to-day for £1 15s. 2d. By return of post you will receive 1 gross tablets plus 5 dozen bonus free. It retails at the popular price of 4s.—an easy price for an easy seller. It sells at sight—as it cures at night.

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Profit by the Growing Demand for Snowfire.

Large numbers of women doing outdoor or indoor work are buying Snowfire regularly. They have discovered its cleansing, softening and beautifying influence upon the skin—how it keeps the hands white and dainty.

Snowfire

Sells freely all the year round. Specially valuable in Winter for Chapped Hands, Cracked Lips, or Roughened and Irritated Skin.



Well advertised. Shows good profits. Attractive publicity matter free. Goods carriage paid to your door. For Price List write

F. W. Hampshire & Co. Ltd.
RIVERSIDE WORKS, DERBY

Please Note Alteration in ADDRESS.

Cold Cream

IN POTS, TINS, OR BULK.

*ABSOLUTELY DEPENDABLE.
BRINGS REPEATS EVERY DAY.*

Lavender Ice

FOR CHAPPED HANDS

A QUICK WINTER SELLER.

ALSO

Lanoline Cream, Lip Salve,
Camphor Ice, Tooth Powders,
Brilliantines, &c.

Samples free on application to

The Casson Chemical Co., Ltd.,
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Phone: Park 2384.

"FARRIS'S"

GENUINE WHITE BEESWAX.

PURE ENGLISH REFINED SPERMACETI.

WAXES of every known kind and for every purpose.

Celebrated for excellence and purity—nearly three quarters of a century.

Large Stocks for Immediate Delivery.

CHARLES FARRIS, 71 BISHOPSGATE, LONDON, E.C.

The only actual Manufacturing Wax Chandler in the City of London.

Works—HELMET COURT, BISHOPSGATE, E.C.

**OVER 100 % PROFIT
ENSURED & PROTECTED (P.A.T.A.)**

for sellers of

Laurence's Hair Dyes

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

Size.	Minimum retail.	Minimum wholesale.	
1/-	1/-	7/6	
1/6	1/6	9/-	per doz.
2/6	2/6	15/-	less 5%
3/6	3/6	21/-	discount.

SPECIAL BONUS

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).

Do. 6 doz. do. 8 bottles gratis.

Do. 12 doz. do. 18 bottles gratis.

Equivalent in the case of the size in most general demand, viz. 1/6 size, to 4/6, 12/- and 27/- respectively.

SOLE PROPRIETORS—

C. R. HARKER, STAGG & MORGAN,

DEVON WHARF,

Emmott Street, Mile End, London, E.1.



WE WANT TO SEND YOU

1x6 dozen Carton, 1 dozen Bonus, a Smart New Showcard in five shades of blue, Window Bills, Slips, Wrappers, and other local show matter carriage paid. Advertised continuously, 6d. per packet P.A.T.A., 4/- dozen—you ought to have one

BECAUSE SALES ARE CERTAIN AND PROFIT IS 43 % P.A.T.A. ON COST.

Quin Quenna

BETTER THAN A SHAMPOO

THOS. CHRISTY & CO., 4-12 OLD SWAN LANE, E.C.4

KOPATINE FOR THE HAIR

A bonus offer—93% on your outlay

Kopatine preparations for the hair are advertised in a large number of papers including the Daily Mirror, Picture Show, Lady, Queen, Eve, etc. From this advertising a demand is springing up in all parts of the country. To induce you to take up a small stock and be in a position to supply, we are making you the following special bonus offer.

	Cost.	Sells for
	£ s. d.	£ s. d.
6/12 Instantaneous 6/6 ...	1 4 0	1 19 0
3/12 " 10/6 ...	19 6	1 11 6
3/12 Al-Khanna 6/6 ...	12 0	19 9

3½ per cent. Cash discount 2 15 6
2 1

FREE.

1 doz. No. 1 ...	3 0
½ doz. No. 2 ...	6 0
¼ doz. K.C. Dental Cream ...	3 9

Outlay £2 13s. 5d. Profit £2 9s. 4d.
Practically 100 per cent.

Kopatine Instantaneous.—A liquid hair colouring (6 primary shades from blonde to black). Retail at 6/6 per case.

Kopatine Al-Khanna.—A permanent henna basis hair colouring shampoo. Retail at 6/6 per case.

Kopatine No. 2.—A splendid henna shampoo. Retail at 1/- per packet.

Kopatine No. 1.—A high-class plain shampoo. Retail at 3d. per packet.



To get your share of this growing trade you should take advantage of this offer to-day. Smaller quantities obtained from Osborne, Garrett & Co., or from the usual Wholesalers, or direct from—

Kopatine Cie (Dept. 22), 34 Buckingham Palace Road
London, S.W. 1. Telephone: Victoria 2648.

Enolin

TOOTH PASTE

“STRONG” OR “MILD”

THE SUPER PASTE

“ENOLIN” IS ALSO SUPPLIED IN POWDER FORM, 6d. and 1s. TINS.

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Provinces, Ireland and Export:
MESSRS. PATTINSON & MACKIE, LTD.
Albion House, 59 New Oxford Street,
London, W.C.1.

You can now purchase **RAYMET** Shampoos in small quantities from most Wholesalers on bonus terms showing over 100% profit on cost.



Every Show Outer ($\frac{1}{2}$ -gross 3d. packets) has a form attached which, when filled up and returned to us, entitles you to receive 1 dozen 3d. packets free of charge.

Cost 10/- Retail 21/- Profit 11/-

(Each packet of $\frac{1}{2}$ -dozen $\frac{1}{6}$ Cartons has a similar form attached which entitles you to one $\frac{1}{6}$ Carton.)

It's so simple—no new account—very little trouble—and a liberal profit on a quick-selling article. Why not include a $\frac{1}{2}$ -gross Outer in your order to-night?

The following Wholesalers stock Raymet Shampoos: Messrs. Ayrtoun, Saunders & Co. Ltd.; Barclay & Sons Ltd.; Butler & Crispe; Duncan, Flockhart & Co. (Edinburgh); Hedges Ltd.; Hovenden & Sons Ltd.; May, Roberts & Co. Ltd.; Oldfield, Pattinson & Co. Ltd.; Raimes, Clarke & Co. Ltd.; Sangers; T. & H. Smith Ltd.; Southall Bros. & Barclay Ltd.; Sutton & Co. Ltd.; John Thompson Ltd.; James Woolley, Sons & Co. Ltd.

RAYMET & CO., Ltd.
507/509 Harrow Road — — — LONDON, W. 10



*The Biggest Profit on any
advertised Vanishing Cream
yet offered to Chemists.*

Unique BONUS OFFER for

SNOWLEEN

The advertised Face Cream with a Profit of 82%

BONUS OFFER No. 16.

1 gross Snowleen 1/- @ 92/-
£4 12 0

1 doz. Snowleen 1/- }
2 doz. Snowleen } FREE
Shampoo 3d. }

Produces £8 2 0 or 82% Profit.

BONUS OFFER No. 17.

½ gross Snowleen 1/- @ 92/-
£2 6 0

½ doz. Snowleen 1/- }
½ doz. Snowleen } FREE
Shampoo 3d. }

Produces £3 19 6 or 80% Profit.

Write for samples

WHITE BAND MFG. CO., Limited,
CROYDON, SURREY.

DO

you run a skin soap or toilet soap under your own name or brand? We have been approached by so many chemists lately, all desirous, for one reason or another, of transferring the manufacture of their own speciality soap and entrusting the same to a soapmaker *within* the drug trade, whose special reputation is for soap of purity of base, that we venture to ask

YOU

Sir, if *you* are open to receive suggestions in this connection. If you have already your own branded soap and desire to retain similarity of appearance, odour, shape, wording, etc., whilst securing advantage of price and the purest soap base extant, send us a tablet for report. Our range of moulds is already exhaustive; probably we have yours. In the flood of soaps on the market to-day, handled by every class of trader, the chemist should

SELL

one which stands out as something a bit better than the rest. Again, where a chemist has the supreme advantage over all other traders is in the field of medicated soaps, which cannot be touched by his competitors outside the drug trade. It is not sufficient, however, to stock a few tablets; consider how wide the field of prospective buyers! Make a department of it and the result will be found to exceed all expectations. May we submit to *you* personally a concrete suggestion for *your own special* brand of

SOAP?

The AMAMI Way to MANICURE



COUNTER DISPLAY BOX.

*Ask your Wholesaler
for Showcards.*

FIRST file with long **EMERY BOARD** (12/- a doz.), then soak in **AMAMI LIQUID SOAP** (12/- a doz.), clean under the nail with an **ORANGE STICK** (12/- a doz.), dipped in **CLEANSING FLUID** (12/- a doz.), push back cuticle with an orange stick dipped in **CUTICLE CREAM** (8/- a doz.), remove loose cuticle with **CUTICLE FLUID** (12/- a doz.), tint with **RUBY COSMETIQUE** (12/- a doz.), polish with **POLISHING CREAM** (12/- a doz.), or **NAIL CRAYON** (6/- a doz.), or **NAIL POWDER** (12/- a doz.), and cover with **VARNISH** (12/- a dozen); whiten hands with **SUC DE GARDENIA** (20/- a doz.).
10/- CASH BONUS for a £5 WINDOW DISPLAY.

COUNTER DISPLAY BOX FREE.

Prichard & Constance

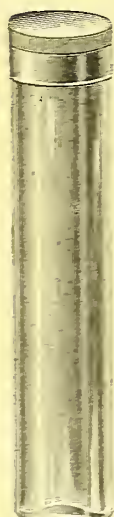
(Wholesale) Limited

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469 HOLLOWAY ROAD, LONDON, N.

Cables—"Amamireg. Holway. London."
Phone—3170 North.

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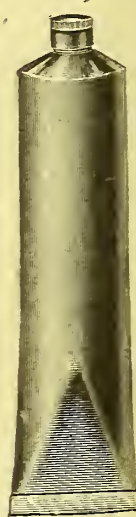
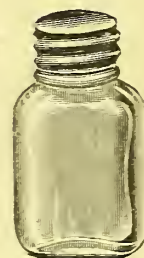
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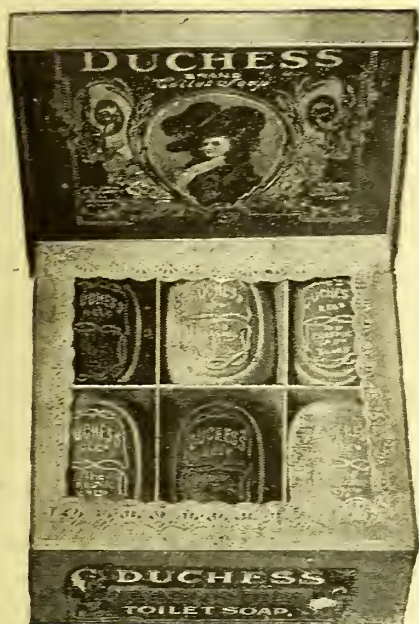
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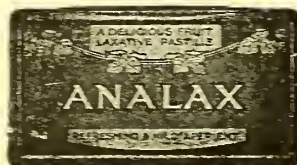
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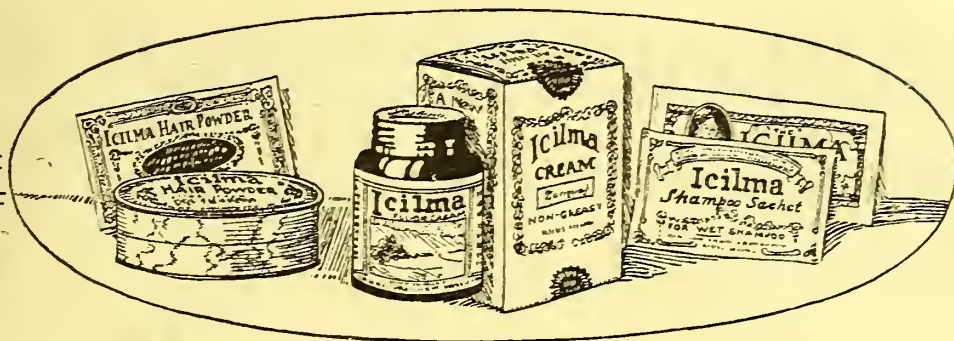
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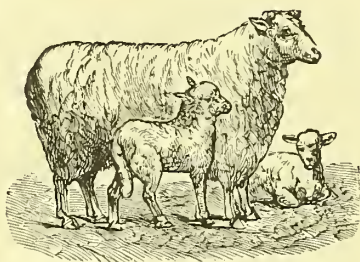
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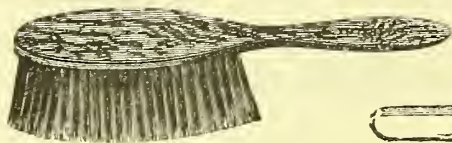
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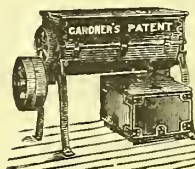
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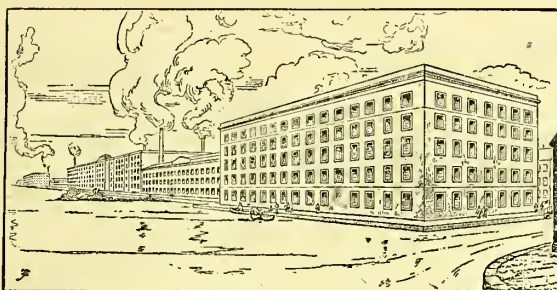
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CONTENTS.

No. 3. Series 2086. Vol. 92.

PAGE	PAGE
British Pharmaceutical Conference 56	Legal Reports 54
Business Changes 57	Marriages 57
Coming Events 48	New Companies and Company News 55
Correspondence:	Observations and Reflections 59
Letters 73	Organising the Drug-Trade 53
Legal Queries 75	Personalities 58
Miscellaneous Inquiries 75	Pharmaceutical Society of Great Britain:
Deaths 57	Council-meeting 65
Destruction of Rats 63	Examination Results 66
Editorial Articles:	Profiteering Act 53
The New Diary 60	Retrospect 76
Overseas Trade in 1919 61	Scottish News 49
English News 46	Trade-marks 67
Experiences of the Great War 45	Trade Notes 58
Festivities 67	Trade Report 68
Information Department 58	What the New Dispensing-fees Mean 52
Insurance Act Dispensing 51	Wills 45
Insurance Dispensing Terms for 1920 51	Winter Session 64
Irish News 49	

Index to Volume XCI.

The index for the volume covering the year 1919 is in preparation. It will not be published with **THE CHEMIST AND DRUGGIST**, but when ready will be sent to any subscriber who intimates his desire to receive a copy. Postcard applications should be sent to the Publisher, 42 Cannon Street, London, E.C. 4. As on previous occasions, a certain number of copies of index will be reserved for applications from Colonial and foreign countries, so that all desiring to bind their volumes can complete them with the index.

MR. JAMES GRIFFITH ISAAC, chemist and druggist, Millbrook, 4 Abbey Road, Neath, who died on October 19, left estate of the gross value of 4,540l. 6s. 8d., with net personality 4,377l. 16s. 3d. The testator left all his property to his sister, Miss Elizabeth Isaac, absolutely.

SIR PETER WYATT SQUIRE, Ph.C., F.C.S., F.L.S., The Ryepeck, Shepperton, and of Squire & Sons, Ltd., 413 Oxford Street, London, W., who died on September 16, has left 17,388l. 16s. 8d. gross, with net personality 13,905l. 9s. 5d. The will is proved by Mrs. Mabel Bramwell Parton, The Ryepeck, and Mrs. Phyllis Wyatt Johnson, 86 Gloucester Terrace, W., daughters. The testator gives 200l. and the personal effects to his wife, 100l. to his niece, Mrs. Edith Tyndal, and the residue of the property in trust for his wife for life, with remainder to his two daughters.

Experiences of the Great War.

Contributions to this section are invited.

XXIII.—Behind the Wire for Thirty Months.

In the prisoners of war camp in which I found myself dumped in the spring of 1916 it was usual to hear comments of this kind: "The square heads can't send me away on a commando. I'm a tailor's cutter and I've never done a hard day's work in my life."

It was not many days before our complacent sartorial friend left us to try his hand at stoking in the neighbouring coke-ovens, a sadder but possibly wiser man. A schoolday knowledge of French and German, together with my nodding acquaintance with the back-door of a pharmacy, were the means of securing me a temporary refuge in the camp *Revierstube*, where I became installed as general factotum. The *Revierstube* was ostensibly a camp hospital for minor cases, but many of the poor fellows who left it passed on to the camp mortuary. I soon found it to be a veritable hotbed of intrigue. Two small cubicles at the end of the general room were officially set apart for special cases. These were known to us as the "Tourist Bureau," for it was here that intending runaways ("vicioafers," as they were termed) came to obtain the necessary maps, of the shortest route to the frontier, traced on the finest quality of margarine paper by the writer. Paul, another *santaire* (erstwhile Parisian chauffeur), had established a miniature compass *fabrique*, with headquarters in his palliasse. The finished articles received the necessary "fluence" at the hands of a comrade working in the camp power-house. We certainly lacked a showcase for our various commodities, but advertisement was not under the circumstances advisable. In the nature of things the percentage of attempted escapes that proved successful was of course not high—though that is, perhaps, an unwarranted reflection upon the accuracy of the instruments and maps supplied by our topographical staff. However, our offices by no means ended there. When recaptured the "vicioafers" were usually confined for a term in the *strafe* barrack. Here a diet of unlimited water, together with one slice of bread per day, soon necessitated an attendance at the daily farce known as a sick parade. At this ceremonial it was my duty, to accompany the starved wretches into the presence of "Iron Cross Jack," the resplendent physician whose awful glance alone sufficed to terrify the poor old *Landsturmer* in charge of the party. Your pompous Prussian is usually so much occupied in preserving his own dignity and importance that it was no difficult matter to transfer biscuits, dates, chocolates, and suchlike Red Cross comforts from your own pockets to those of the famishing malefactors, whose ailments you are endeavouring to describe to the all highest. As for the decrepit old *posten*, I'm sure you could have bought his chance of a place in the kingdom of heaven for half a kilo. of soap. I cannot write of doctors and surgeries without a passing reference to our efforts at "lead swinging." To secure a return to camp from some of the bad commandos, long chances were often taken. The placing of a finger beneath the wheel of a moving truck, the deliberate opening-up of old wounds, and the rubbing of lice sores with a mixture of soap and salt could hardly fail to take a trick. A drop of blood from a pricked finger, and a dab of golden syrup inserted in the ear, together with the suitable facial contortions accompanying earache, would often secure a day's rest from work.

One kindly old practitioner in the country was doped time and time again by a white tongue—treated with condensed milk. This, with a complaint of stomach cramp, would sometimes secure a day or two's light work. I knew of at least one German doctor who was not without an element of humour in his make-up. This individual one morning brought to the operating-room an axe and a saw, and observed to the awaiting *Englander* that he would proceed to demonstrate German *Kultur* up to date. After I had spent some twelve months "behind the wire," the corseted commandant woke up to the fact that we knew

C

too much for him, so at a few hours' notice we were pegging along a highway laid down by Napoleon during his occupation of Westphalia, each with his worldly possessions—mainly *souvenirs de captivité*—on his back.

Subsequent to this, my experiences were chiefly concerned with the science of agriculture as practised in Boschland. The aimlessness of work with hoe and scythe from dawn to dark at threepence a day is hardly imaginable, but occurrences sometimes helped to enliven the monotony of life. If there were not occurrences we made them. In an isolated countryside where we had more freedom than was usual, I look back with distinct pleasure upon the rustling of a brace of succulent chickens, and afterwards of the borrowing of a pot from their unsuspecting owner, as we had not one big enough to cook them in. Such incidents as these, if discovered, were usually followed by a hasty recall to the parent lager and a protracted term of *strafe*. It was related that the theatrical party of a certain lager, either for insubordination or press of harvest work, was sent out for a spell of commando life. To the amazement of the awaiting farmer, they emerged from the railway carriage in the full glory of stage regalia, dainty dolls in frills and gilded sabots, kilted Scotch comedians, and pom-pommed pierrots, all ready for the harvest field! History does not record the torrent of *Donnerwetters* and *Schweinerei*s with which their *Deutsch* master greeted them. Then there is the yarn of the "vicloafers" who masqueraded as Yankee tourists, but probably that one would need too much salt. When leaving for, or returning from, commando a night's halt was generally made at a place known as the "bathouse." Here we were shaved, searched, and, when in luck's way, bathed as well. The night was spent in a reeking hut, which brought vividly to mind scenes in the most stifling of ships' fo'castles, only more so. Here were herded representatives from all the seven seas. Every "bat" from Moscow to Melbourne and from the Sahara to the Saskatchewan might there be heard.

In this salubrious resting-place it was generally deemed expedient to spend the hours of darkness in very close proximity to one's personal belongings, and it was the exception rather than the rule to indulge in slumber. Here lurked the crafty German secret service agent, generally a self-styled Yankee sailor captured by one of the commerce raiders. These men were such excellent linguists that it was no difficult matter for them to pose as the compatriot of any European in the crowd. It was an exceptional night in the bathhouse that passed without racial antipathy finding an outlet in the exchange of more than words. It was here that a fine Scots Guardsman was shot dead by a sentry, so late as 1918, for refusing to do a fatigue which had always been the office of the Russian prisoners. I have confined these few notes to what were, perhaps, the brighter incidents in my life as a *Kriegsgefangene* ("Kaiser's guest," as we had it). Of things depressing I saw enough, but I leave the narrating of these to the old hands captured in 1914, or to the lads taken in the Bosch drive of 1918, who spent their term of captivity behind the German lines and never grew to revere the label of a Red Cross packet.

NORMAN WIGZELL.

ROYAL WARRANT HOLDERS.—The first thirty pages of "The London Gazette" of January 2 are occupied by lists of holders of warrants to the King, the Queen, Queen Alexandra, and their late Majesties Queen Victoria and King Edward VII.

MR. J. E. HENSHAW, chemist and druggist, 23 Wyle Cop, Shrewsbury, issues a wall calendar (9½ in. by 4½ in.), having as its main feature a colour-print of a landscape at Capel Curig. The figures on the tear-off portion are unusually distinct, and the whole production is a capital specimen of its kind.

The unregistered dentists of the East Lancashire district have decided to revise the minimum scale of fees of 1916 as from January 1, 1920, on account of the higher cost of materials and other charges. The meeting was attended by members of the Incorporated Dental Society and the National Dental Association.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Peace Ratified with Germany.

Peace with Germany was ratified in Paris on January 10, and diplomatic relations have been resumed between Germany and fourteen of the Allied and Associated Powers. The United States, Serbia, and Greece have not yet ratified the treaty, their relations with Germany being unaffected by Saturday's ceremony. The British Government has since circulated to traders copies of Article 295 of the Peace Treaty, which has to do with the payment of debts contracted before August 1914. For this purpose a clearing office has been established, and Mr. Egerton Spencer Grey, Senior Official Receiver in Bankruptcy, has been appointed Controller. All communications should be addressed to the Controller of the Clearing Office, Cornwall House, Stamford Street, London, S.E. 1. The following have consented to serve in an honorary capacity as an Advisory Committee to the Controller: Sir William Plender, C.B.E. (chairman), Mr. George Watson, Mr. O. R. A. Simpink, C.B.E. (Public Trustee), and Mr. H. A. Payne, C.B. (Board of Trade). Particular branches of industry and commerce are being invited to nominate representatives to confer with the Controller on technical questions. Notices giving instructions as to the steps to be taken for proving their claims have been sent to creditors in the United Kingdom who have registered with the Public Trustee, as custodian, claims against German nationals. Notices requesting payment of their debts to the Controller have also been sent to debtors in the United Kingdom who have registered with the Public Trustee, as custodian, debts owing to German nationals. Any creditor or debtor who does not receive a notice should communicate with the Controller of the Clearing Office.

Contracts.

The following tenders have been accepted by the bodies named:

Dover Town Council.—G. F. Forster & Co., chemists, drugs and disinfectants.

Ludlow Guardians.—Mr. R. V. Sweetman, Ph.C., and G. Woodhouse & Son, chemists, drugs, etc.

Chemical Trade Dinner.

The British Chemical Trade Association is holding a dinner at the Criterion Restaurant, Piccadilly Circus, London, W., on February 12, at which Sir Hamar Greenwood (Parliamentary Secretary to the Department of Overseas Trade) and Sir William Clark (Comptroller-General of the Department) will be the guests of the evening. Applications for tickets (10s. 6d.) are invited from those engaged in the chemical trade, and can be had from the hon. secretary, 80 Fenchurch Street, London, E.C. 5, before January 31.

Panel System Criticised.

Giving evidence on January 12 at an inquest at Lambeth on George Lewis Fish, formerly a decorator, a son said that his father was taken ill in November, and when witness went to Dr. Bullen, the panel doctor, the latter said: "You will have to go and get somebody else." Dr. Bullen, giving evidence, said he had about 2,000 patients on his panel. He remembered attending the deceased for strokes in 1918 and in February 1919. On the latter occasion he sent him to the infirmary as insane. He did not see him again. He was of opinion that the relatives were making this trouble because witness refused to ante-date certificates for the period that the man was in the infirmary. In summing up, the coroner said it was evident that this man had not been seen by his doctor for at least eleven months before his death. He (the coroner) believed that the panel doctor was sent for and did not come. If that were so, there was something wrong with the system that allowed a doctor to refuse to attend. It was no use a doctor saying he was busy;

he must go and see his patient. He was paid for it, and it was his duty to go. If he did not like a panel practice he should allow somebody else to carry on who did like it. The system under which these panel patients were treated seemed also to be open to criticism; for it was obvious that this man should not have been receiving week by week for nearly a year sick benefit certificates from his panel doctor without the doctor seeing him on one single occasion. To obviate this there should be some supervisors or medical referees appointed to visit these patients. It was a very unsatisfactory case, in his opinion.

Advertisement Fraud.

At Lambeth Police Court, on January 14, James Smith (67), Tenham Avenue, Balham, described as a commission agent, was charged on remand with being in unlawful possession of three postal letters. Mr. E. F. Barker, who prosecuted on behalf of the Commissioner of Police, said that in a recent issue of *THE CHEMIST AND DRUGGIST SUPPLEMENT* there appeared the following advertisement: "Bargain. V.P. Kodak Autog. cameras, 42s.; would take for immediate cash, postal order, 21s.; unopened. Chemist, 324 Kennington Road, London, S.E. 11." The attention of the police was drawn to this advertisement, and Detective Nurse kept observation upon the address—a shop at which letters are received. The prisoner was seen to enter. On being questioned, he replied: "Well, to tell the truth, I haven't got any cameras, but I believe a mate of mine has some at Kingsland Road." The prisoner had two letters and three postcards in his hand, which he had just collected from the shop, and the officer arrested him for being in the unlawful possession of them. On the way to the station the prisoner made a further statement. One of the letters contained a cheque for 21s. and another a postal order for 21s. The man whom the prisoner suggested was acting with him was called as a witness for the prosecution. Mr. Walter J. West, a departmental manager to Kodak, Ltd., said that cameras of this description could not be sold by retail at less than 42s. The magistrate imposed a sentence of two months' imprisonment in the second division.

Birmingham.

The flow of recipes in the local Press continues.

Great developments are foreshadowed in the glass industry in the Black Country.

Hartlebury Common, the local Mecca of naturalists and other students, is to be let as golf links. A protest is being made.

A commercial traveller lately despatched eight sample cases from Barnstaple to Birmingham. After three weeks five were delivered; the other two are still missing.

Mr. Priddey, who has been assistant-dispenser at the General Hospital for some years, has taken up an appointment in Manchester, and has been succeeded by Mr. Harvey.

A prize-winner at a recent fancy-dress ball held in Birmingham wore a dressing-gown festooned with vials and pill-boxes. We are not told whether the vials were made of real glass.

Three Birmingham lads have lately won Kitchener Scholarships, the annual values of which are 125l., 125l. and 70l.—in each case for three years. Students of pharmacy might find such scholarships worth obtaining.

A vacancy having occurred on the Birmingham Profiteering Committee, a member inquired whether it was any good filling it. Did anybody know, he asked, what the Profiteering Committee was doing? Sir David Brooks was eventually appointed.

Mr. Arthur Smith, the well-known probation officer at the Birmingham Police Court, is a man of many parts. Some years ago he was attached to the Floodgate Street Mission, where he learned dispensing (under Mr. F. H. Alcock, Ph.C.) to such purpose that he was given the charge of the dispensary, in addition to other duties of a more usual character.

Leeds.

Another fortnight's campaign against rats has been arranged for Leeds; the Corporation is paying 2d. for each tail presented.

At Leeds Police Court, on January 9, Fourness & Son, chemists, 8 Sidney Street, were summoned for storing an excess quantity of petrol. The case was defended by the Chemists' Defence Association, Ltd. After hearing the evidence, the stipendiary magistrate dismissed the summons.

The latest report of the public analyst for Leeds states that out of a total of seventy-nine samples examined there were two of white pepper and one each of baking-powder, sulphur ointment, and zinc ointment. These five were all found to be genuine. A sample of milk received smelt of paregoric and contained a trace of morphine, the provenance of which was traced to an imperfectly cleaned bottle.

Liverpool.

The arrangements for the British Pharmaceutical Conference are going forward smoothly.

Excessive rain and coal-shortage have conduced to displays of winter requisites, hot-water bottles and covers being prominent.

The "manna" notes and correspondence in the *C. & D.* have attracted attention among readers in touch with the large Jewish population of this city. Liverpool has several synagogues, the one in Princes Road being among the finest in England.

The wedding of Councillor R. C. Herman and Miss Beatrice Maxwell, announced on p. 57 of this issue, was the occasion of many congratulations from Mr. Herman's colleagues in pharmacy. Mr. John B. Herman successfully undertook the duties of best man. At the conclusion of the ceremony a reception was held at the residence of the bride's parents, and subsequently Mr. and Mrs. Robert C. Herman left for the South of England. A picture of the bride and bridegroom appeared in "The Liverpool Courier" of January 12.

Manchester.

Mr. Frederick Robinson, chemist and druggist, 129 Alexandra Road, has disposed of his branch pharmacy in Bradshaw Street, Moss Side, to Mr. Donnelly, Bolton.

Mr. Hermann Woolley, Ph.C. (James Woolley, Sons & Co., Ltd.), has contributed 500l. to the Manchester University Appeal Fund, which has now reached nearly 120,000l.

It is rumoured that a well-known Manchester chemist who recently disposed of his business to a corporate body is negotiating for the purchase of a pharmacy in a northern watering-place.

It is of interest to record that the 0.1d. concession which has been given to chemists in the 1920 Insurance-dispensing terms was brought forward by a member of the Manchester Pharmaceutical Association (Mr. E. H. Simmons, Salford) at the Conference of Local Association delegates in London held last April.

"Do all chemists realise," inquires a correspondent, "when they give a quotation to a customer for dispensing a prescription, that wholesale prices have advanced? A prescription was presented recently to a Manchester chemist to be made up. It was for twelve pills; 1s. 6d. was charged. This was taken to another Manchester chemist a few days after, and on the customer being asked 4s. 6d., the first chemist's charge was mentioned. The second chemist then pointed out to the customer that one ingredient alone in the prescription would cost over 3s. The dispensing department is becoming—or has become—the most unprofitable department in any up-to-date pharmacy; but surely a recent drug-list can always be consulted."

Sheffield.

Mr. John Evans, Ph.C., F.I.C., has been elected a Vice-President of the Sheffield Metallurgists and Metallurgical Chemists' Society.

A correspondent in the local Press, who signs herself "A Pharmacist's Wife," has been complaining that her husband's salary has only been increased from 3*l.* 10*s.* (before the war) to 5*l.*

Mr. R. E. Wardell, chemist and druggist, Chesterfield, has taken over the business of Mr. J. S. Burnell, Glossop Road. Mr. Wardell served his apprenticeship to Mr. J. Dent, Market Place, Chesterfield.

Miscellaneous.

POISONING.—At Teaterhill, Yorkshire, a housemaid named Alice R. Smith committed suicide on January 10 by drinking Toxol.

FATAL EXPLOSION.—Two of the workmen of Brassard & Crawford, manufacturing chemists, Chald Lane, Wakefield, lost their lives on January 7 as the result of an explosion in the works. The cause of the disaster is unexplained. The damage was extensive.

X-RAY PROGRESS.—An exhibition of x-ray photographs is being held by the Rontgen Society in the rooms of the Royal Photographic Society, Russell Square, London, W.C. The application of x-rays to various commercial uses is shown, in addition to the medical and surgical employment.

FIRES.—Slight damage has been caused by an outbreak of fire in each of the following cases: On January 7, on premises at 9 Phipp Street, London, E.C. 2, occupied by Mr. W. Maskell, chemical merchant; on January 8, at the Roman Road branch of William Fox & Sons, Ltd., chemists, Bethnal Green, E.; on January 10, at the shop of Young & Harrison, chemists, 92 Green Lanes, N. 16.

EXPORT PROHIBITIONS.—The Board of Trade (Licensing Section) announce that the present heading "Coal Tar, all products obtainable from and derivatives thereof, etc.," on list "A," has been deleted and the following substituted: (A) Coal tar, all products obtainable therefrom and derivatives thereof, whether actually so obtained or derived from other sources (including all mixtures and preparations containing such products and derivatives), suitable for use in the manufacture of dyes or explosives.

THE SUGAR SCARCITY.—The Royal Commission on the Sugar Supply has informed manufacturers that the duration of the present restrictions in the quantity of sugar originally set aside for manufacturing purposes during 1920 must necessarily, depend upon circumstances ruling from time to time, but they desire to warn all manufacturers that they should when contracting for other raw materials necessary for the production of their commodities bear closely in mind the difficult and serious position regarding the supply of sugar. An increase in the quantity issued will not be authorised until supplies more nearly approach to the demand, and prices to a more reasonable level.

IN THE COURTS.—At Manchester, recently, W. Gordon, electrician, was sentenced to two months' hard labour for having stolen, *inter alia*, tooth-paste, soap, and other articles, value 6*l.* 15*s.* 3*d.*, from the shop of Mr. Norman Cooke, chemist and druggist, Mount Street, Bolton.—At Doncaster, on January 10, a woman who was charged with having attempted suicide was stated to have taken 35 gr. of corrosive sublimate. She was remanded in custody.—At Blackburn, on January 13, J. V. Rowe, carter, was committed for trial on a charge of stealing a set of harness, value 15*l.*, the property of Mr. C. M. Parkinson, chemist and druggist, Astley Gate.—At Guildhall Police Court, on January 13, Dr. Leonard Hay Callendar was charged with having attempted to commit suicide by taking veronal tablets and other narcotic poisons. The evidence showed that on Christmas Day he was found lying unconscious in a London hotel, a bottle of veronal tablets and a preparation of morphine being in his possession. He was discharged to the care of his brother.—At Thames Police Court, on January 13, F. Harding, dock labourer, was sentenced to twenty-one days' imprisonment for being in unlawful possession of opium and for illegally conveying it. It was stated that 24 lb. was found in his possession when arrested, in addition to "a further quantity" concealed in the lining of his

overcoat.—At Tower Bridge Police Court, on January 14, Joseph Swanson (76) was fined 10*l.* and Dennis Joyce (33) 5*l.* for being concerned in stealing and receiving methylated spirit, the property of Stevenson & Howell, Ltd., manufacturing chemists, 95A Southwark Street, S.E. It was stated in evidence that nineteen bottles of the spirit were found at Swanson's address, in addition to some in the possession of the prisoners when arrested.

POISON-LICENCE APPLICATIONS.—The Blackburn town council discussed, on January 8, the question of a licence being granted to a firm of seed merchants for the sale of poisonous substances under Section 2 of the Poisons and Pharmacy Act, 1908. The licence had been recommended for acceptance by the Watch Committee. Councillor W. H. Grimshaw, chemist and druggist, now moved that the question be referred back on the ground that there were already sufficient facilities for persons to obtain poisons for horticulture from duly qualified men. The Pharmacy Act, which was framed to protect the public, compelled persons to qualify by examination before they were entitled to retail poisons, and where sufficient facilities already existed it was not right that unqualified persons should be given the right to deal with poisons. Councillor C. A. Critchley, Ph.C., seconded. The town clerk said that it was a little irregular that two persons interested in the sale of poisons should bring the question forward in this way. Dr. Keighley: Then I will second the resolution. Dr. Keighley, continuing, said he supported the motion on the ground that it ought to be made as difficult as possible for persons to obtain poisons. He took the view that there were already plenty of facilities for gardeners to have their wants supplied. These horticultural preparations were mainly composed of arsenic, and it ought to be made very difficult for the public to get hold of this commodity. The Mayor said there was a good deal of sense in the argument put forward; and it was unanimously decided to refer the matter back.—Morris & Jones, Llanrhaiadr, Denbighshire, have given notice of their intention to apply to the local authority for an agricultural-poison licence.

Coming Events.

Monday, January 19.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 8 P.M. Cantor Lecture I.: Captain H. Hamshaw Thomas on "Aircraft Photography in War and Peace."

Tuesday, January 20.

London (South-West) Chemists' Association, Thistle Tea Rooms, Balham Hill, London, S.W., at 8.30 P.M. Address by Mr. H. Skinner.

Wednesday, January 21.

Ealing Pharmacists' Association, Eden's Restaurant, Hill Street, at 7 P.M. Dinner. Tickets, 12*s.* 6*d.* Morning dress.

Liverpool Chemists' Association, Royal Institution, Colquitt Street. Annual meeting.

National Association of Chemists' Assistants (Hull Branch). Lecture under the auspices of the Decimal Association.

Pharmaceutical Society of Great Britain (North British Branch), 36 York Place, Edinburgh, at 8 P.M. Evening meeting. Papers on "The B.P. Method for Determining Melting-Points," by Mr. W. Lockerie Thomson, B.Sc.; "Special Strains of Medicinal Plants by Selection," by Mr. W. G. Smith, B.Sc., Ph.D.; "The Assay of Iron Filings for Pharmaceutical Use," by Mr. H. Hindley, Ph.C.

Thursday, January 22.

National Association of Women Pharmacists (Manchester and Liverpool Group), 39 Cheetham Hill Road, Manchester, at 7 P.M. Miss Martin on "Routine in a Hospital Dispensary."

Reynolds & Branson, Ltd., Queen's Hotel, Leeds, at 6 P.M. Conversazione and dinner to commemorate the centenary celebration.

Friday, January 23.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W., at 9 P.M. The Hon. Sir Charles Parsons, F.R.S., on "High Pressure and Temperatures."

BIRMINGHAM PHARMACEUTICAL ASSOCIATION.—A dinner (6 P.M.) and whist-drive (7.45 P.M.) will be held on January 28, at the Grand Hotel. Tickets (dinner 7*s.* 6*d.*, whist-drive 2*s.* 6*d.*) from the Secretary (Mr. F. Smith), 221 Soho Road, Birmingham, before January 24.

Irish News.

Brevities.

Mr. J. E. Cooke, Ph.C., The Medical Hall, Gorey, is seeking election, as an independent candidate, to a seat on the local town board.

After hearing the views of the local branch of the Irish Chemists' Assistants' Association the Limerick Board of Guardians decided to employ trade-union labour only, and called on their compounder, Mr. M. Mahon, to endeavour to bring about a settlement of the dispute between the chemists and their assistants.

Poisoning Statistics.

The recently issued annual report of the Registrar-General for Ireland, covering the year 1918, records 78,695 deaths out of an estimated population of 4,380,000, giving a rate of 18.0 per 1,000—the highest since 1900. The number of deaths by poison is, as usual, small, the figures (excluding those relating to coal-gas and other substances not dealt in by pharmacists, registered druggists, and apothecaries) being seventeen attributed to accident and six to suicide. The annual average for the last ten years is 18.1 and 9.4 respectively. It is of interest to note that in Scotland in 1917 (population, 4,854,738) the figures were sixteen and thirteen respectively. The accidental poisonings recorded by the Irish Registrar-General include three by carbolic acid, two each by ammonia, arsenic, and strychnine, and one each by barium sulphide, belladonna, chloroform, cocaine, hydrocyanic acid, Jeyes' Fluid, lysol, and caustic potash. The suicidal poisonings include one each by atropine, carbolic acid, hydrochloric acid, hydrocyanic acid, and strychnine. It should be added that 14,583 (equal to 18.5 per cent.) of the 78,695 deaths were uncertified.

Irish Assistants' Strike.

The chemists' assistants' strike was settled on January 12. At the final negotiations the Ulster Retail Drug-trade Association was represented by Messrs. H. G. Pring, W. J. Hardy, J. A. Woodside, and J. C. Culbert (secretary), while Mr. R. H. M'Candless represented the assistants. Negotiations opened on January 10 in the Hibernian Hotel, Dublin, and, after a prolonged conference, the proceedings were adjourned at 4 A.M. on Sunday. Reassembling again in the afternoon, there was a further interchange of views, which lasted until 2 A.M., when terms of settlement agreeable to both parties had been reached. In regard to the managerial question, it is understood that this has been deferred. Statements have appeared that the dispute concerning managers had been settled at a conference held in Dublin on January 12, but, so far as Belfast employers are concerned, it is officially stated that they have no cognisance of any such agreement. Summarised, the terms of the settlement are as follows:

Strikers to be reinstated; a fifty-hour week—*viz.*, seven days—for male, and 44 hours for female assistants; Sunday labour to be not more than four hours, with the provision that the question be subject to further revision; overtime to be paid at the rate of time and a quarter for the first six hours, and at time and a half for over six; apprentices to be limited to the extent of one to each employer keeping open shop, a second apprentice may be taken on at the end of two years, if one assistant is employed, and a third apprentice in cases where four or more assistants are employed; and the setting up of an Industrial Council for the regulation and settling of future disputes. In regard to wages, a minimum has been agreed upon in all grades, and weekly advances made are as follows: Unqualified chemists' assistants, first and second year after apprenticeship, 10s.; third year, 12s. 6d.; fourth year, 15s. Similar advances are conceded qualified assistants. Pharmaceutical chemists, acting as assistants, will, under the settlement, receive an advance of 10s. in the third year as such, and 12s. 6d. in the fourth year. A new rate has been set up for druggists' assistants—*i.e.*, a minimum of 2l. 2s. 6d. in the first year to unqualified men, 2l. 7s. 6d. second year, 2l. 17s. 6d. third year, and 3l. 2s. 6d. fourth year. On qualification as a druggist the assistant will receive an advance of 5s. per week irrespective of the number of years'

service as an unqualified assistant. The wages of female assistants have been increased in all sections to rule 7s. 6d. lower than those of male assistants. In regard to wages to be paid apprentices, an investigation is to be held at a future date in compliance with the expressed desire of the Ministry of Labour.

Both parties in Belfast have held meetings to consider the terms, and to take action in accordance therewith.—It has since been reported that the strike at Limerick has not been settled, assistants there having refused to accept the Dublin terms.

In the terms of settlement between the Cork employers and their assistants advances from 12s. 6d. to 25s. on present salaries are agreed to. Working hours are to be reduced, and time and a quarter will be paid for Sunday work. Conferences between chemists and the employes to arrange minor matters have been held.

Scottish News.

Brevities.

Sugar vouchers for January will be honoured at double their face value.

As a safeguard, many chemists are now using the label, "Pure Olive Oil (cream quality)."

Sir John McCallum, M.P., whose death is announced, was chairman of Isdale & McCallum, Ltd., soap manufacturers, Paisley.

Delay in sending in Insurance prescriptions to the checking bureau is again the subject of censure by Insurance Committees. Chemists should also note that irregular prescriptions are liable to rejection.

Mrs. Guild, Dalkeith, whose death is announced, was one of the party which partook of poisoned coffee in the sensational Bridgend case (*C. & D.*, I., 1911, p. 295). It is stated that Mrs. Guild had ever since felt the effects of arsenical poisoning.

"It will be of interest to many pharmacy students," writes a correspondent, "to learn that they are exempted from contributing under the National Health Insurance Act while in receipt of a Ministry of Labour grant. I have been informed to that effect."

The Carron Co., Clyde Shipping Co., Ltd., General Steam Navigation Co., Ltd., and the London and Edinburgh Shipping Co., Ltd., inform shippers between London and Scotland that, pending the issue of revised rates to operate on and from February 2, the present surcharge of 62½ per cent. will be increased to 80 per cent. on and from January 15.

Edinburgh.

One of the features of this New Year, according to a chemist, has been an increased number of pick-me-ups "taken and wanted."

The following advertisement appeared in a recent issue of "The Scotsman": "Chemist (qualified), town, reliable, 3l. 3s., or part time as arranged. Address No. —." It is understood that the average fee of a medical man's *locum tenens* has dropped to 5l. a week.

Edinburgh University and the Royal Colleges of Physicians and Surgeons of Edinburgh have agreed to contribute 25,000l. to the proposed Lister Institute for investigation of disease. The estimated cost of the institute is 250,000l. An influential committee has been formed to further the project.

Glasgow.

The amount contributed to the Ramsay memorial fund is announced as 51,274l.

A considerable amount of illicit distillation of spirit has been going on in Glasgow and the neighbourhood recently.

It is understood that about 1,200 of the anthrax-infected shaving-brushes, about which there has been uneasiness in various parts of Great Britain (*C. & D.*, January 3, p. 60), have been collected by the Glasgow Sanitary Authority and despatched to London to be dealt with.

The Profiteering Act.

Notes.

DRUGS SUB-COMMITTEE.

It is officially announced that evidence has been given recently before the Drugs Sub-Committee by representatives of Burroughs Wellcome & Co. concerning the price of aspirin tablets.

CO-OPERATIVE SOCIETY CLAIMS EXEMPTION.

A novel point was raised at the sitting of the Blackburn Profiteering Committee on January 8. The Grimshaw Park Co-operative Society was cited to answer a charge, and its solicitor raised the defence that the case was outside the province of the Committee, as a society which dealt solely with its own members could not be guilty of profiteering. The case being withdrawn, the Committee was not called upon to decide this point.

TRADERS' DEPUTATION TO COMMITTEE.

A deputation of Sheffield chemists and grocers was received by the local Profiteering Committee on January 10. Mr. E. Preston, Ph.C., and Mr. H. G. Williams, chemist and druggist, were the chemists' representatives. The object of the deputation was to protest against the refusal of the Committee to recognise the trade custom of regulating retail prices by current market value; it was pointed out that traders who sold any goods at less than current prices might have their stocks of such goods cleared out by wholesalers. The chairman of the Committee, in reply, said that, in his opinion, market prices should be followed. A letter from the Board of Trade, recently before the local Sub-Committee, conceded this principle. The deputation was thanked for attending.

Appeal.

At the sitting of the London Profiteering Appeal Committee on January 9, Jane Starkie (trading as R. S. Starkie, chemist), Trafalgar Square, W.C., appealed against the decision of the Westminster Profiteering Committee ordering a refund of 2s. on a charge (stated to be 5s.) made for a 4-oz. bottle of friars' balsam, and directing a prosecution (*C. & D.*, 1919, p. 1367). The complainant had alleged that a similar quantity was sold for 3s. by the Civil Service Supply Association, Ltd. Mr. Walter Frampton, who appeared for the appellant, submitted that it was not reasonable to compare his client's prices with those of a huge business like the one mentioned. The appeal was entitled to succeed on the ground that the profit did not exceed the fair average rate earned by people in the same way of business. The wholesale price paid by the appellant was 8s. 7d. per lb., and the bottle cost 4d. The pre-war price was 3s. 10d. per lb., and the pre-war retail price 2s. 6d. for 4 oz. Mr. W. B. Lounds, chemist and druggist, manager of the shop, stated in evidence that the rent, rates, and taxes of the premises amounted to 550l. per annum. It would be impossible to sell friars' balsam, except at a loss, at the price fixed by the local Profiteering Committee. The Chairman: What would you consider a fair rate of profit on a chemist's entire business?—It would depend. I should imagine 45 per cent. gross profit and about 15 per cent. net profit. Mr. B. R. Wilkinson, Ph.C. (W. H. Stickland & Co., chemists, South Kensington), secretary of the Western Pharmacists' Association, giving evidence, said that a profit of 100 per cent. on cost was a fair one. The average net profit on sales at present would be about 25 per cent. There was a lot of waste in the handling of chemicals and drugs. In reply to a member of the Committee, the witness remarked that a chemist was the worst business manager they could think of so far as keeping proper accounts was concerned. Mr. C. A. Noble, chemist and druggist, ex-President of the Western Pharmacists' Association, who gave confirmatory evidence, said he believed that the drug department of a large store was the only department that did not pay. The Chairman: Do you say that this department of the Army and Navy Stores

is carried on in order to show a loss?—I don't say that; but I believe it is a fact that it does not pay. I could not carry on my business at the prices they charge. The Committee, after deliberating in private, decided to vary the decision of the local Committee, and ordered that the refund should be 1s. instead of 2s.

Complaints.

ACTON.—At the sitting of the Sub-Committee of the Acton Profiteering Committee on January 8, a complaint was heard with regard to the purchase, at a local branch of Boots, Ltd., of a tin of Savory & Moore's Food for 2s. 8d. The complainant, who did not appear, wrote that he believed the pre-war price of a tin of the size in question was 2s. (as embossed on the lid), but 2s. 4d. was the price on the wrapper, though it had been crossed out and 2s. 8d. substituted. Mr. Fox-Andrews (Neve, Beck & Kirby), who appeared for the respondents, instructed by the Proprietary Articles Trade Association, pointed out that Messrs. Boots retailed these tins at the current market prices fixed by the makers, and that such prices were always identical throughout the trade. He read from *THE CHEMIST AND DRUGGIST* a letter that the Board of Trade had sent to the Maidstone Chamber of Commerce, to the effect that retailers are entitled to charge for their stock in hand any higher prices fixed by the makers of the articles directly they have notice to do so (*C. & D.*, 1919, p. 1430). A prosecution before the Tottenham bench with respect to the price charged for Fellows' syrup had been dismissed on that very point. Mr. Newman, the representative of Savory & Moore, Ltd., stated in evidence that the price of a tin of the size in question was raised from 2s. 4d. to 2s. 8d. about the first week in August; and Mr. Norris, Messrs. Boots' representative, added that, if the price had been lowered, the public would have reaped the advantage of the firm's loss on the stock in hand. Messrs. Boots' local manager stated that six tins of this size had been bought at the lower price in July. Mr. Fox-Andrews explained that the wholesale price was then 1s. 8d. a tin, giving a profit of 37 per cent. on selling price, but that profit was exceptional and very temporary. The present wholesale price was 25s. 8d. per dozen, and the profit on retail only 20 per cent. The chairman said he hoped a way would be found to break up these rings which fixed prices and withheld supplies if retailers did not charge them. It was a hardship on the public. Mr. Fox-Andrews: That is a matter for the Central Committee; but I may point out that the increased cost of these articles is chiefly due to the heavier charges for transport and wages. The Sub-Committee dismissed the case against Boots, Ltd., but the chairman said they had decided to report the facts to the Board of Trade. It was not the best method of doing business, he said, to have 2s. on the lid of the tin and 2s. 4d. and 2s. 8d. on the wrapper. It seemed to him abominable to have three prices on one tin.

BERMONDSEY.—At a recent sitting of the Profiteering Committee, Mr. A. I. Lardent, trading as A. C. Hancock, Ltd., Tower Bridge Road, S.E., was the respondent in an alleged charge of profiteering on the sale of 1 oz. of camphorated chalk, for which 5d. had been charged. The lady inspector who made the purchase had bought 1 oz. of camphorated chalk for 3d. at a local branch of Boots, Ltd. Respondent described the charge as a trumpety one, adding that he had had to shut up his shop to attend. He made this camphorated chalk himself, and he could not do anything more than charge the ruling price. It worked out at 5s. per lb., and allowed him a profit of 33½ per cent. If he bought it from the wholesalers he would be charged 5s. 6d. per lb. for it. It was full strength, one part of camphor in eight. He could make it to sell at 1½d. per oz., but people would not buy it. He had a lot of patent medicines out of which he got no profit. The Chairman: So you take it out of camphorated chalk? Respondent said that he could stock two qualities. He was quite prepared to have the sample analysed, and, if it was not stronger than the other sample, to pay the analyst's fee. The case was adjourned for an analysis to be made.

FULHAM.—At the sitting of the Profiteering Committee on January 13, a complaint was heard regarding a charge of 3d. made at the Walham Green branch of Boots, Ltd., for a "Regesan" worm-powder. The complainant alleged that the price of this article at the Cheapside branch of Boots, Ltd., was 2½d., and that it was formerly sold at 1½d. Mr. Bramall, solicitor, who appeared for the respondents, said that the cost of six of these powders to Messrs. Boots was 11½d. net, and the retail price was 1s. 3d. It was a common and not unreasonable practice to charge more for goods when sold in small quantities. Mr. William Lloyd Owen, chemist and druggist, of the staff of the Walham Green shop, stated in evidence that the cost of one of the ingredients of these powders had risen from 18s. to 40s. per oz. The complaint was dismissed.

WOOLWICH.—At the sitting of the Profiteering Committee on January 9, Boots, Ltd., were the respondents in a case of alleged overcharge for a bottle of cod-liver oil emulsion at their Wellington Street branch, the price charged being 1s. 8½d. The respondents' representative stated that the retail price was advanced to 1s. 8½d. three days before the purchase in question was made. Prior to the war a similar bottle was sold at 1s. The Committee adjourned the case for reference to the Central Committee and the Board of Trade.—At the same sitting a complaint was heard concerning a charge of 1s. 9d. made for a bottle of Christie's Chilblain Liniment at the Powis Street branch of Boots, Ltd. The complainant stated that a month prior to this sale the price was 11d. The respondents' representative said that the price had advanced to this extent from a pre-war price of 9½d. Out of the 1s. 9d., 6d. went to the Government. This case also was adjourned for the ruling of the Central Committee and the Board of Trade.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

Blackpool.—During the first nine months of 1919, 35,248 prescriptions were issued to panel patients in Blackpool, at a total cost of 1,197l. 15s. 5d., the average cost per prescription being 7.75d. During the corresponding period of the previous year 35,281 prescriptions were issued, at an average cost of 7.69d. each.

Derbyshire.—At a meeting of the Insurance Committee held recently the agreement between the Insurance and Pharmaceutical Committees referring to the hours of business for Insurance work was approved. Chemists' shops are to be open from 9 A.M. to 7.30 P.M. daily, except on Sundays, Bank holidays, and early-closing day. Emergency prescriptions, to be marked "Urgent" by the doctors, will be dispensed at any hour of the day or night.

Stoke-on-Trent.—At a meeting of the Insurance Committee held on January 8 the report of a conference of doctors, chemists, and members of the Medical Benefit Sub-Committee on the closing hours of chemists was presented. Mr. T. C. Cornwell, for the chemists, stated that they were prepared to open until 7 P.M., with a 7.30 rota, but the practitioners considered that 8 P.M. was preferable. Dr. Russell said he did not consider it fair to the work-people who cannot get to the doctor before 7 P.M., and then have to go to the chemist. The Insurance Act is essentially for workpeople, and the service must suit their convenience. Afterwards Mr. Cornwell considered that chemists would agree to a general closing hour of 7.30 P.M., with a rota to 8.30, and suitable arrangements for Thursdays and Sundays. Mr. W. P. Arnott has had his name added to the chemists' panel.

THE ASSOCIATION OF SURGEONS OF GREAT BRITAIN AND IRELAND has been founded in London, with Sir John Bland-Sutton as the first President. It is proposed to admit about 250 Fellows who possess certain qualifications for the position.

Insurance Dispensing Terms for 1920.

By John Humphrey, Ph.C.

AN increase of 50 per cent. on the 1919 dispensing fees was demanded by the London and Middlesex Pharmaceutical Committees, in conjunction with the Committees for other areas, as the basis of terms that would be regarded as acceptable for National Health Insurance dispensing service during 1920. The offer by the Minister of Health, which is now open for general consideration, is a permanent increase of 50 per cent. on the 1916 fees, plus the temporary retention of the war allowances, amounting in the aggregate to 1.2d. per prescription, and a slight advantage that will result from making 0.1d. the minimum price to be allowed for any ingredient in a prescription.

Payment for Insurance dispensing services is best calculated on the basis of the average dispensing fee, from which, of course, must be deducted establishment charges and other expenses of carrying on business. During 1919 the average dispensing fee in London and Middlesex has been a trifle less than half the average cost per prescription, but the proportion was practically the same in 1916, and it is noteworthy that in 1913 the average dispensing fee was appreciably above half the average cost per prescription. We are, therefore, confronted with the fact that the gross profit per prescription was less in 1919 than it was in 1913, while the purchasing power of money, had depreciated by more than half since 1913. The percentage of gross profit dropped from 51.5 for the year 1913 to less than 50 for 1919, whereas it should have been increased to about 68, to compensate for the depreciation in purchasing power. The 50 per cent. increase in the dispensing fees asked for by London and Middlesex would have raised the percentage of gross profit to 59 or 60, and the actual increase offered by the Minister of Health will raise it, on the basis of the 1919 figures, to rather more than 57.

So far as the dispensing fees alone are concerned, the addition proposed for 1920 will represent an increase of 50 to 60 per cent. on the average dispensing fee for 1913, an increase of 70 (Middlesex) to 75 (London) per cent. on the average fee for 1916, and an increase of rather more than 34 per cent. on the average dispensing fee for 1919. The fact that no ingredient in a prescription will henceforth be priced at less than one-tenth of a penny must also be taken into account in comparing the proposed terms with those prevailing during 1919; but, on the other hand, it is necessary to bear in mind the extra service that will be required in connection with the rota system that is to be set up, and that no chemist remaining on the panel will be exempt from this extra service.

The figures in the following table show the average cost per prescription of drugs and fees respectively for the years 1913 to 1919. Those for the years 1913, 1914, and 1915 are approximate only, but may be regarded as sufficiently accurate for purposes of comparison. The London figures for 1919 are based on statistics for the first six months, and the Middlesex figures on those for the first nine months. Discounts from London accounts for 1913, 1914, and 1915, and from Middlesex accounts for 1914 have been deducted from the average fees for those years, so as to show the net fees actually paid, and not those which would have been paid if there had been sufficient money available. It is, of course, hardly necessary to point out that whatever was deducted from accounts in the shape of discount represented a loss of fees or gross profit.

AVERAGE COST PER PRESCRIPTION.

		1913	1914	1915	1916	1917	1918	1919
London	Drugs...	3.0d.	3.7d.	3.2d.	3.1d.	2.9d.	3.6d.	3.8d.
	Fees ...	3.2d.	3.0d.	3.0d.	2.9d.	2.8d.	3.3d.	3.8d.
Middlesex	Drugs ...	3.2d.	3.8d.	3.4d.	3.2d.	3.1d.	3.7d.	4.0d.
	Fees ...	3.4d.	3.3d.	3.5d.	3.0d.	2.9d.	3.4d.	3.8d.

What the New Dispensing-fees Mean.

It may help us to a better understanding of the terms which panel chemists are accepting for National Health Insurance dispensing for 1920 if the position is reviewed as regards dispensing-fees from the introduction of the "Commercial" Tariff in January 1916. To get a true idea of the position it is necessary to bear two things in mind:

(1) The gross dispensing-fee given in the Tariff for 1916 is composed of two parts. The Tariff note itself says: "These fees represent not only remuneration in respect of professional services, but also an allowance per prescription in respect of . . . establishment expenses." No increase has been made in the former since 1916, and the latter has only been increased to meet higher working expenses, so that chemists have gained nothing at all by way of remuneration for professional services since 1916.

(2) Chemists are apt to be misled by the variations in the fees calculated for the different classes of prescriptions. These are, it is true, all calculated at the same rate per hour according to the time each class of prescription takes to dispense, but the fees for tablets, plasters, and granules prepared extemporaneously seem to be large, and would apparently be satisfactory if dispensers did this work all day long. But chemists rarely get such prescriptions, so that the larger fees for the rarely prescribed medicines do not help much.

It is consequently difficult to obtain an accurate idea of what dispensing is actually worth to chemists, unless the proportion of prescriptions in each class is known. This can be calculated from the prescriptions. The figures given in the accompanying table have been obtained from a large number of consecutive prescriptions which have passed through the writer's hands. They are believed to be fairly representative for any particular chemist, and

can be taken to be approximately accurate (failing any more exact records) as the basis for calculations.

In the table the classifications quoted are those given in the Tariff under the various dispensing-fees, and the basis of the calculations is a unit of 1,000 prescriptions. Any chemist dispensing this number monthly, quarterly, or yearly will be able to gain a fairly accurate estimate of the actual value to him of his Insurance dispensing. The number of times which each class of prescription occurs in 1,000 consecutive prescriptions is given, but as the number for some classes is so small (being in the third place of decimals in some cases), it has been necessary to bracket several classes together in order to obtain a whole number, and this has been placed against an appropriate dispensing-fee. For example, the *percentage* number of times that prescriptions for forty-eight extemporaneous pills occur is 0.02, and for twenty-four powders it is 0.005. Further, in recording particulars relating to my prescriptions I have not found one for extemporaneous suppositories, plasters, or tablets. Included in the table is the pure dispensing-fee (without establishment charge) for each class according to the 1916 Tariff (see table below).

Where several classes have been bracketed together the figure representing the proportional occurrence in 1,000 scripts is too small to count for each. The unit, therefore, has been fixed for a group of classes and placed opposite an appropriate dispensing-fee.

The average dispensing-fee calculated from this table is 2.07*d.* per prescription, and this approximates to the mixture fee. It is obvious that the fee for mixtures is the most important for chemists to consider, because 67 per cent. of the prescriptions dispensed are extemporaneous mixtures. There may be other chemists in different areas where the majority of mixtures prescribed are of the "stock" variety, but this is not, it is thought, the general habit throughout the country.

In the table it is thus shown that on the 1916 basis pure dispensing-fees for 1,000 prescriptions amount to

Scale of Dispensing Fees.

	Number of times each class of Prescription occurs in 1,000 consecutive Prescriptions	Pure Dispensing fees allowed in 1916 Tariff without establishment allowance of 0.8 per Prescription	Total cost of Pure Dispensing fees in 1,000 Prescriptions calculated for each class of Prescription
Mixtures, liniments, lotions, gargles, mouth-washes, drops and other classes of liquid medicaments not specified in this scale, required to be compounded or prepared by the chemist:—			
(i) Compounded or prepared extemporaneously	675	2.0	1,350
(ii) " " in bulk	100	1.5	150
Ointments, pastes, and confections	14	2.8	392
Emulsions	1	3.2	3
Powders, not exceeding 6	7	2.4	17
" over 6 and not exceeding 12			
" each extra dozen or part of a dozen			
" mixed bulk	1	2.4	2
Cachets, not exceeding 6	5	4.8	24
" over 6 and not exceeding 12			
" each extra half dozen or part of half dozen			
Pills, not exceeding 24	1	3.2	3
" each extra two dozen or part of two dozen			
Plasters			
Blisters	70	only establishment charge	125
Suppositories, pessaries, bougies, capsules, ampoules, pastilles, lozenges, nor exceeding 6			
" " " " " over 6 and not exceeding 12			
" " " " " each extra dozen or part of dozen	125	1.0	125
Granules	1,000 Prescriptions	—	2,066 Pence
Tablets, not exceeding 12			
" each extra dozen or part of a dozen			
Appliances	Total		
Any solid or liquid drug or preparation ordered alone and not required to be compounded or prepared by the chemist			

2,066*d.* Add to this the original establishment allowance of 0.8 multiplied by 1,000=800*d.* Beyond this there is nothing but actual cost of material supplied, and for the year 1916 a fair average figure for ingredient cost was 2.75*d.* During 1917 the establishment charge was increased retrospectively for 1916 by 0.3*d.*, so that 300*d.* should be added to the allowance for 1916. For 1917 this allowance remained at 1.1*d.* The price of material, however, increased, and our fair average figure for ingredient cost for 1917 was 3*d.* For 1918 the extra establishment allowance was 0.75*d.*, making the total allowance for working expenses 1.55*d.*, and the fair average figure for ingredient cost could be fixed at 3.5*d.* In 1919 the extra allowance was still further increased by a grant of 0.45*d.*, making a total of 1.2*d.* extra—i.e., a total establishment allowance of 2*d.*—while a fair average figure for ingredient cost in 1919 would be 3.75*d.*

During the period under consideration there has been no increase in pure dispensing-fees; these have remained exactly as first stated in the 1916 Tariff, less 0.8*d.* in each case. The figure throughout, as the total value of fees for 1,000 prescriptions, has remained at 2,066*d.*

column under each year gives the total value of 1,000 prescriptions calculated from the average cost.

In plain cash, then, the differences in the value of dispensing-fees, apart from the ingredient cost, which does not so much concern us, for that bears no profit, are shown thus for the different years:

Value of fees for 1,000 prescriptions, 1916, 13 <i>l.</i> 4 <i>s.</i> 2 <i>d.</i>	
" " " 1917, 13 <i>l.</i> 4 <i>s.</i> 2 <i>d.</i>	
" " " 1918, 15 <i>l.</i> 1 <i>s.</i> 8 <i>d.</i>	
" " " 1919, 16 <i>l.</i> 19 <i>s.</i> 2 <i>d.</i>	
" " " 1920, 22 <i>l.</i> 18 <i>s.</i> 4 <i>d.</i>	

It should not be overlooked that the elimination of the second decimal place from the pricing of prescriptions in future will probably increase the actual value of the average dispensing-fee.

If, therefore, the total cost of the gross dispensing-fees (including establishment charges) for 1,000 prescriptions in 1920 is 5,500*d.*, or average 5.5*d.* per prescription, it is scarcely necessary to point out that chemists have nearly gained what was demanded by some at the outset—namely, a flat-rate dispensing-fee of sixpence per prescription.

INVESTIGATOR. (12/121.)

	1916		1917		1918		1919		1920	
	Cost per Presc.	Cost of 1,000 Presc.	Cost per Presc.	Cost of 1,000 Presc.	Cost per Presc.	Cost of 1,000 Presc.	Cost per Presc.	Cost of 1,000 Presc.	Cost per Presc.	Cost of 1,000 Presc.
Pure Dispensing Fees.. ..	2.07	2.070	2.07	2.070	2.07	2.070	2.07	2.070	2.07	2.070
50% Increase	—	—	—	—	—	—	—	—	1.03	1.030
Original Establishment Charge	0.8	800	0.8	800	0.8	800	0.8	800	0.8	800
Extra Allowance	0.3	300	0.3	300	0.75	750	1.2	1,200	1.2	1,200
50% Permanent Increase ..	—	—	—	—	—	—	—	—	0.4	400
Total of Gross Fees	3.17	3,170	3.17	3,170	3.62	3,620	4.07	4,070	5.50	5,500
Average Ingredient Cost ..	2.75	2,750	3.0	3,000	3.5	3,500	3.75	3,750	3.75	3,750
Total Value of Prescriptions..	5.92	5,920	6.17	6,170	7.12	7,120	7.82	7,820	9.25	9,250

Now, however, as a result of last week's decision, chemists are promised an increase of 50 per cent. on the fees of 1916, as stated in the Tariff (which included an allowance for establishment charges), together with a continuance of the extra allowance of 1.2*d.* which was granted in 1919. This is stated to be "a more permanent increase." Not only, therefore, do chemists for the first time get an increase on pure dispensing-fees, but they are offered a permanent increase on the original establishment charge. For instance, the original mixture fee, 2*d.*, is now permanently increased to 3*d.* The original establishment allowance was 0.8*d.*, now permanently increased to 1.2*d.* In addition, the extra allowance of 1.2*d.* is temporarily continued, so that the total mixture fee for 1920 is 3+1.2+1.2=5.4*d.*

The position for 1920 will be this: The sum of 2,066*d.*, which is the value of pure dispensing-fees for 1,000 prescriptions in 1916, will be increased by one-half, giving the figure 3,099*d.*

The sum of 2,000*d.*, which was the total value of establishment allowance for 1919 will remain, but to this must be added 50 per cent. of the original allowance of 0.8*d.*, which is 0.4*d.* multiplied by 1,000. This gives us 400*d.* extra as a permanent establishment allowance. If the average figure representing ingredient cost for 1920 remains the same as for 1919, the net cost of the ingredients in 1,000 prescriptions will be 3,750*d.* If the results are tabulated, the actual variations will be shown in the cost of 1,000 prescriptions for the five years 1916, 1917, 1918, 1919, 1920. The narrow first column under each year in the table gives the average cost per prescription for each of the particulars shown. The broader second

Organising the Drug-trade.

N.A.C.A. Meetings.

At a recent meeting of the Nottingham branch of the National Association of Chemists' Assistants, it was unanimously decided to federate with the Drug Union. Mr. Fullerton, the general secretary of the Association, placed before the members the reasons in favour of federation. He said that while the N.A.C.A. had a big membership in the Midlands, the Drug Union had a much stronger following in the North and South. The latter had a membership of about 6,000 and the former 1,500. The membership of the Nottingham branch of the N.A.C.A. is about 130.

THE office advisory staff of Boots, Ltd., Nottingham, in a statement issued to explain why an application for a general advance in wages to the office staff cannot be granted, point out that the cost of living (which was the basis of the plea) is now, according to Board of Trade figures, 125 per cent. above pre-war prices, whereas the average increase in the salaries is 130 per cent. for clerks of twenty-one years of age or over. Those under twenty-one have received automatic advances, and if these had been included the general increase would have been much greater than 130 per cent. The company claims that the wages now paid for all classes of clerical work compare very favourably with the average market price. They also indicate their desire to make clear that any applications for advances will always have the same sympathetic consideration as in the past, and that they have no wish to cease granting advances for promotion, merit, or special good work.

Legal Reports.

Venereal Disease Act, 1917.—At Leeds, on January 8, Mr. John Richard Bentley, chemist and druggist, Kirkgate, was summoned under the Venereal Disease Act, 1917, the prosecution being the first of its kind in Leeds. The evidence showed that a man suffering from the disease went to defendant's shop and asked for a bottle of medicine to be made up. A charge of 1s. was made. Subsequently the man had to go to the infirmary for treatment. Defendant, through his solicitor, explained that he had no recollection of the man visiting his shop, and said that the ingredients in the medicine were used for other complaints besides the one mentioned. A fine of 10l. was imposed.

Genatosan Milk Contracts.—At the resumed hearing on January 12 of summonses against Genatosan, Ltd., Chenies Street, London, W.C., for having purchased milk at prices exceeding those officially fixed (*C. & D.*, January 3, p. 68), Sir Archibald Bodkin continued his argument for the defence. Sir Archibald contended that the purchases of milk by the company in the way described were not wholesale purchases within the meaning of the Order, and that, therefore, the maximum wholesale prices were not applicable. They did not buy the milk at the prices alleged, but entered into an arrangement with the farmer to separate his cream for him, and then paid him the local market price for such separated cream or butter fat, finally buying the skimmed milk separately. That was perfectly legitimate, under the Order. Even if the magistrate was against him on those points, Sir Archibald urged, the offence was a purely technical one. The hearing was again adjourned.

Soap Contract Dispute.—A dispute as to the quality of soap supplied under contract was investigated by Mr. Justice Roche in the King's Bench Division on January 14, when John Hay, Queen's Road, Richmond, Yorkshire, merchant, carrying on business in Leadenhall Street, London, brought an action against David Hinchliffe & Son, Ltd., Liversedge, Yorkshire, to recover damages for alleged breach of contract. Plaintiff's case was that the soap delivered in bulk was not according to samples of household soap supplied. Defendants denied that the sale was one by sample, or that there was any breach of contract. They agreed to supply textile soap to plaintiff, and the soap delivered was good and proper soap of this kind. Mr. S. O. Henn Collins, for plaintiff, said the point raised was as to how far there was a warranty that the bulk of the delivery should correspond with the samples, and whether in fact the bulk did correspond. Plaintiff was a merchant and bought the soap for resale. There were a chain of sub-sales of the 10 tons delivered, and these sales resulted in disputes and an arbitration. Plaintiff had to pay costs and damages, for which he was claiming in that action. The parties had had previous dealings in household soap. The contract was arranged between Mr. Rickett, plaintiff's representative, and Mr. Hinchliffe, sen., and the price per ton was 55l. The samples of soap delivered were specimens of dark yellow household soap of good quality. Ten tons of the soap came forward under the contract, but the soap was of an inferior grey mottled variety. Evidence was given by Mr. Alexander Smith Rickett, plaintiff's representative, who arranged the contract with Mr. Hinchliffe, sen. Nothing was said at the interview as to what sort of soap it was to be, except that plaintiff was purchasing soap to sell again in the market. The soap, to witness's mind, was to be suitable for household purposes. For the defendants, Mr. F. Phillips said that at the time of the interview between Mr. Rickett and Mr. Hinchliffe defendants were making soap from whale oil, which was the only material obtainable. They manufactured textile soap, which before the war would have been made with animal fats and would have been quite as good a quality as household soap. Mr. Rickett was shown the soap, and stated that he did not care what it was made of. Mr. George Hinchliffe, of defendants' firm, gave evidence in

support of counsel's statements. His Lordship held that Mr. Rickett was never shown any soap made of whale oil, nor was he told that the soap to be delivered was to be made from whale oil. The contract was one for the defendant company's soap, and that meant soap which both parties knew defendants were able to make and which had been delivered to the plaintiff prior to that. He decided in favour of the plaintiff. The soap delivered was not defendants' soap as understood between the parties, and not in accordance with the sample sent to the plaintiff. He awarded plaintiff 250l. damages.

Sale of a Chemist's Business.—An action came before Mr. Justice Astbury, in the Chancery Division, on January 13, by which Mr. Wm. Reginald Parsons, 109 Manners Road, Portsmouth, asked for the specific performance by Mr. Edward Abram Howling, chemist, 70 Green Street, Forest Gate, London, E., of an agreement alleged to have been entered into by the defendant for the sale to the plaintiff of his business for 900l. The defence was that no agreement was concluded, that there was no memorandum sufficient to satisfy the Statute of Frauds, and that the defendant was at the time of the negotiations of unsound mind. Mr. Fairfax Luxmoore, K.C., and Mr. Hecksher (instructed by Mr. E. Béchervaise) were for the plaintiff; and Mr. N. Micklem, K.C., and Mr. Bennett (instructed by Messrs. Preston) for the defendant. Mr. Luxmoore said that last February the plaintiff, who had recently been demobilised from the Army, was anxious to purchase a chemist's business, and he saw an advertisement in *THE CHEMIST AND DRUGGIST*. He got a list of businesses for sale from Berdoo & Fish, chemists' valuers and transfer agents, Jewry Street, E.C., and went to see the defendant. He told him that he would purchase the business for 900l., subject to an agreeable lease of the premises by arrangement. He sent a cheque for 90l. to the agents as a deposit, and subsequently both parties met at the agents' office, where arrangements were made about the lease. But afterwards obstacles to the completion of the sale were raised, and it was stated that the defendant during the negotiations was of unsound mind, and could not complete them. His Lordship asked if the defendant was really of unsound mind. Mr. Luxmoore said that at the time the agreement was entered into the plaintiff had no reason to suppose that he was not quite competent to act on his own behalf. Mr. Micklem said he was not in a position to carry on the business at all, but he had a qualified assistant. Counsel further said that there was no suggestion of a verbal agreement between the parties as to the lease. On this point there was some discussion, and his Lordship allowed the plaintiff to amend his statement of claim in this regard. The plaintiff gave evidence, and was cross-examined. Mr. Fish, principal of Berdoo & Fish, said he produced a draft of the lease of the premises at a meeting with the plaintiff and the defendant. After minor alterations, the defendant said he was quite satisfied, and he (witness) could send it to the solicitors and tell them to get on with the original at once. Mr. Luxmoore: Did you form any opinion of Mr. Howling's mental capacity? Witness: I saw nothing the matter with it. He appeared to be in full possession of his senses, and to understand what happened at the interview. No evidence was called for the defence, and his lordship dismissed the action with costs. He held that no agreement was disclosed either by the letters in the case, by the receipt for the payment of the deposit, or by the interviews between the parties, as had been claimed by the plaintiff in his amended statement of claim. He added that he thought it would be an extremely bad example to allow the plaintiff to succeed on documents which had passed between himself and the defendant, if in consequence of them he had gone to his solicitor for the purpose of enabling the matter to be put through, and had instructed his solicitor, not that the documents contained a contract, but merely negotiations which he had entered into, and which he desired his solicitor to carry to completion on his behalf. That was the position he had taken up, and his Lordship did not think he was entitled to be relieved from it. The deposit paid by the plaintiff was ordered to be returned.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

ROCK & BREAKSPEAR, LTD. (P.C.)—Capital, 12,000*l.* Objects: To carry on the business of chemists, druggists, dentists, opticians, photographers, etc. R.O.: 38 King Street, Maidenhead.

ALFRED EVISON, LTD. (P.C.)—Capital, 3,000*l.* Objects: To take over the business of chemists, druggists, seed merchants, dealers in photographic goods, etc., formerly carried on by the late A. Evison and H. W. Daykin in King Street, Alfreton, Derby, and to carry on the business of opticians, etc.

A. OPIE & CO., LTD. (P.C.)—Capital, 5,000*l.* Objects: To carry on the business of chemists, druggists, opticians, booksellers, stationers, ironmongers, manufacturers of toilet requisites, photographic materials, etc. The first directors are: A. T. Opie, Sona Merg, Heamoor, S. O., Penzance, chemist and druggist, and J. Edwards, Bethulie, Lescudjack, Penzance, merchant. R.O.: 38 Market Place, Penzance.

COLNBROOK CHEMICAL AND EXPLOSIVES CO., LTD.—The creditors under the winding-up order made against this company on June 4 include the following: Baird & Tatlock (London), Ltd., 11*l.*; Fassett & Johnson, Ltd., 26*l.*; Fuerst Bros., Ltd., 1,164*l.*; May & Baker, Ltd., 32*l.*; C. Page & Co., Ltd., 122*l.*; E. J. & J. Pearson, Ltd., 152*l.*; Phillip Harris & Co., Ltd., 26*l.*; Johnson & Phillips, 99*l.*; Phoenix Chemical Co., Ltd., 12*l.*; United Alkali Co., Ltd., 300*l.*

BRUNNER, MOND & CASTNER-KELLNER.—The directors of the Castner-Kellner Alkali Co., Lim., state that they have received an offer from Brunner, Mond & Co., Ltd., to purchase not less than 75 per cent. of the shares of this company not now owned by Brunner, Mond by the issue of two fully-paid ordinary shares of Brunner, Mond & Co., Ltd., for one fully-paid ordinary share of the Castner-Kellner Alkali Co., Ltd. The directors recommend this offer to their shareholders for acceptance.

BRITISH GLASS INDUSTRIES, LTD., has obtained a controlling interest in the United Glass-bottle Manufacturers, Ltd., which owns the share capital of the following companies: Cannington, Shaw & Co., Ltd., St. Helens; Nuttall & Co., Ltd., St. Helens; Robert Candlish & Son, Ltd., Leaham; Alfred Alexander & Co., Ltd., Hunslet, Leeds; Aire & Calder Glass-bottle Works (E. Breffitt & Co., Ltd.), Castleford; and Moore Nettlefold Co., Ltd., Woolwich. A large modern glass-works is now being erected by United Glass-bottle Manufacturers, Ltd., at Charlton, Kent.

ROBERT BAILEY & SON, LTD.—This issue contains a prospectus and form of application for shares in Robert Bailey & Son, Ltd., Stockport, who manufacture all kinds of surgical dressings and own the business of the Cynta Manufacturing Co. The subscription-list closes on January 22. The business was commenced in 1912, and during the war almost the whole of the output was manufactured for the British and Allied Forces. The Cynta Manufacturing Co. was purchased in 1915. In 1917 the two businesses were removed to Stockport, and the organisation is in a position to turn out a much larger output. The change from war work to peace work has been successfully accomplished, and the net profits of the business are more than sufficient to pay 10 per cent. per annum on the whole of the present issue.

CAMWAL, LTD.—The annual report of the directors for the year ended September 30, 1919, states that the net profit, after payment of interest on debentures and making provision for depreciations, is 2,799*l.* 15*s.* 1*d.*, which, with the amount of 795*l.* 19*s.* 10*d.* brought forward from last year, and the sum transferred from the reserve fund, makes a total of 4,145*l.* 14*s.* 11*d.*, out of which is recommended the payment of 7½ per cent. on the cumulative

preference shares, leaving 2½ per cent. due on these shares to September 30, 1919. This will leave 436*l.* 3*s.* 5*d.* to be carried forward. The difficulties of railway and other transport owing to shortage of rolling-stock, motors, etc., have seriously affected the company's turnover. Aquaperia continues to make steady headway, and the company rely upon their many chemist-shareholders to assist them in pushing it by window-shows. Fruit-jelly crystals, packed in handsome cartons suitable for chemists' trade, are a new line which the company have placed on the market. City offices have been opened at 52 Queen Victoria Street, E.C. 4, in connection with the extension of the company's business at home and abroad. The death of Captain F. A. Gould, who was a director of this company for eighteen years, is sincerely regretted. Mr. A. L. Foster has been elected to a seat on the board on his retirement from the management of the Harrogate branch. Mr. E. F. Goering (who has been assistant secretary for many years) has been appointed secretary of the company, on Mr. Butler's retirement. Mr. F. G. Pirie and Mr. H. T. Butler, in pursuance of the articles of association, retire from the board, but offer themselves for re-election.

GRAYS CHEMICAL WORKS, LTD., 4 Broad Street Place, London, E.C.—The creditors were called together on January 12 at the Institute of Chartered Accountants, Moorgate Street, E.C. The chair was occupied by Mr. A. N. Harper, C.A., of Queen Street, E.C., who reminded the creditors that the shareholders in the company had passed the usual resolution for voluntary liquidation, and had appointed him to act as liquidator. The creditors first met a fortnight earlier, and the meeting was then adjourned in order to enable him to submit figures to the meeting. Mr. H. V. Thurgood, C.A., Mansion House Chambers, E.C., had been appointed to act as receiver for the debenture-holders in the company, and had taken possession of the assets. The liquidator added that he had not been able to prepare a statement of affairs, but he had the last balance-sheet of the company, which showed total liabilities of 41,400*l.*, including the share capital, the principal items being: Loan from bank, 7,711*l.*; debentures, 5,049*l.*; unsecured loans, 2,170*l.*; sundry creditors, 8,388*l.*; Grays Dyes Co., Ltd., 1,750*l.*; overdraft at bank, 631*l.*; and bills payable, 249*l.* The assets of the company were valued in the balance-sheet at nearly 30,000*l.*, the principal items being plant and machinery, 23,685*l.*; stocks on hand, 3,163*l.*; and sundry debtors. The balance-sheet also showed accumulated losses on the trading of rather more than 12,000*l.* The chairman also referred to a trading account which he had obtained from the Receiver. The account showed receipts of 2,408*l.*, out of which had to come the expenses of running the business, while 1,000*l.* had been paid off the debentures, and there was a cash balance in hand of 630*l.* After a short discussion the meeting decided to confirm the voluntary liquidation of the company, but decided that the creditors should be represented in the liquidation. The trade creditors include the following: Vacuum Oil Co., Ltd., 7*l.*; Chemical Engineering Co. (Manchester), Ltd., 11*l.*; Baird & Tatlock (London), Ltd., 23*l.*; and Price's Patent Candle Co., Ltd., 13*l.*

ALLEN HARDING & CO., LTD., 1 Leadenhall Street, London, E.C. 3, and at Deptford, chemical manufacturers.—A very largely attended meeting of the creditors of this company was held on January 12 at Winchester House, Old Broad Street, E.C. The chair was occupied by E. C. Moore, C.A., of 3 Crosby Square, London, E.C., who had been appointed to act as liquidator in the voluntary liquidation of the company. Mr. Stanley Stone, of Sweptone, Stone & Co., solicitors to the company, said the creditors would like to know how the present state of affairs had arisen. Possibly the present position was as much a shock to the creditors as it was to those associated with the company. The firm was started about 1906, and it carried on business in a comparatively small way until 1914. That was evidenced by the fact that for the purpose of excess profits duty a pre-war standard was only allowed of 900*l.* Just prior to the outbreak of the war the business began to improve, and after the outbreak it increased still more rapidly. In 1915 a private

limited liability company was formed, with a nominal capital of 25,000*l.*, that sum representing the goodwill, stock, and other assets transferred by the firm. After 1915 the business increased by leaps and bounds. Department after department was opened, until in 1919 the turnover was at the rate of over a million a year, and the business generally showed a profit. In support of that he would say that up to 1906 a claim was made for excess profits duty amounting to 11,000*l.* That assessment was unsuccessfully appealed against. The company entered into a contract with Messrs. Kirsch of New York to take large quantities of goods, but when the articles finally arrived in this country dealings in them had been prohibited by the Government. The company had opened credits in New York to the extent of 190,000*l.*, and had resold the goods to merchants in this country. A gentleman named Mr. Mason had bought large quantities of the goods, and he made a claim against the company for 27,000*l.* for damages because the company had not delivered to him. Arbitration proceedings took place in connection with that claim, and although the proceedings had terminated he did not yet know what the result was. The proceedings cost the company about 1,000*l.*, and probably Messrs. Mason had expended a like amount. After Messrs. Kirsch had delivered the goods they claimed that the company had entered into further contracts under which they ought to have opened additional credits, but had not done so. The company contended that the credits were not to be opened until after the goods contracted for had been delivered, and that as they did not arrive in this country until after dealings were prohibited, they could not open the fresh credits. Messrs. Kirsch made a claim against the company of about 29,000*l.* on that account. The action came on for hearing before Mr. Justice Roche, who decided against the contention of Allen Harding & Co., Ltd., and it was held that the company were bound to open the credits although the Food Controller had said they were not to do so. Messrs. Kirsch recovered judgment for 21,000*l.*, and costs. Notice of appeal had been given and the matter was still pending. The chairman then submitted an approximate statement of affairs which showed gross liabilities of 154,050*l.* 5*s.* 8*d.*, of which 82,509*l.* 10*s.* 5*d.* was expected to rank as unsecured. There were some 356 trade creditors, whose claims aggregated 47,383*l.* 3*s.* 1*d.* The claims of the fully secured creditors amounted to 46,086*l.* 18*s.* 1*d.*, the securities held being estimated at 47,540*l.* 16*s.* 11*d.* There were also partly secured creditors for 52,803*l.* 9*s.* 6*d.*, the securities being valued at 24,827*l.* 2*s.* 2*d.*, thus leaving 27,976*l.* 7*s.* 4*d.* to rank as unsecured. It was not anticipated that there would be any liabilities on bills discounted, but there were other contingent liabilities of which it was expected that 7,150*l.* would rank for dividend. The assets were estimated to realise 26,908*l.* 19*s.* 9*d.*, from which had to be deducted 626*l.* 15*s.* for preferential claims, leaving net assets of 26,282*l.* 4*s.* 9*d.*, or a deficiency as regarded the unsecured creditors of 56,227*l.* 5*s.* 8*d.* The issued share capital of the company was 25,000*l.*, and as regarded the contributories there was a deficiency of 81,227*l.* 5*s.* 8*d.* Proceeding, the chairman said that Messrs. Kirsch had been scheduled as partly secured creditors in view of the fact that they had levied execution. With regard to the deficiency that was very largely accounted for by the judgment to which he had referred. He had prepared a deficiency account which showed a total of 79,540*l.*, whereas the deficiency in the statements of affairs only amounted to 56,227*l.* Those figures were reconciled by the profit of over 20,000*l.* which the company had made during the last three years. Up to November of last year the company was doing well. Owing to the action the company lost its credit, and the net result was that the present deficiency arose. A resolution was proposed for the continuation of the voluntary liquidation, with Mr. Moore as liquidator; but this course was opposed by Mr. Hamilton, who stated that he was a creditor for some 20,000*l.*, most of which had been incurred during the past few months. It was decided to ask for the appointment of the joint liquidator.

British Pharmaceutical Conference.

A MEETING of the Executive Committee was held at 16 Bloomsbury Square, London, on January 5, the President (Mr. C. A. Hill) in the chair. There were also present: Messrs. W. L. Currie, H. Finemore, W. A. H. Naylor, F. Ransom, and G. Whitfield (Vice-Presidents), D. Lloyd Howard (treasurer), H. Humphreys Jones (local secretary for Liverpool), E. T. Brewis, F. W. Crossley-Holland, A. R. Melhuish, with R. R. Bennett and C. H. Hampshire (secretaries).

OBITUARY.—The President referred to the loss sustained by the Conference through the death of the following members: Mr. W. H. Gibson, Brighton, elected in 1873, Vice-President in 1905; and Mr. E. Speechly, Karachi, elected in 1900. The secretaries were instructed to convey the condolences of the Executive to the relatives of the late Mr. Gibson.

ANNUAL MEETING.—Mr. H. Humphreys Jones reported that arrangements for the annual meeting were well advanced, and accommodation had been secured for about 150 guests. Thirty-five rooms had been booked at the Exchange Station Hotel, Liverpool, fifty at the Adelphi Hotel, and twenty at the L. & N.W. Hotel. The Exchange Station Hotel would be the Conference headquarters. Arrangements had been made for the sessions to be held at the Royal Institution. He also stated that the Lord Mayor of Liverpool had consented to entertain the Conference on the evening of July 19, and had promised to attend the opening meeting on Tuesday morning, July 20, at the Royal Institution, to give an official welcome. The Lord Mayor would also attend the dinner arranged for the evening of July 20, if his other engagements permitted. The White Star Line had been approached, and arrangements had been made for an excursion on one of their steamers. Mr. Humphreys Jones also reported that local sub-committees for the Practice Section and Science Section had been appointed, and the secretaries are to co-operate in arranging the duties of these sub-committees. The chairman, on behalf of the Executive Committee, thanked Mr. H. Humphreys Jones for his report.

HARRISON MEMORIAL FUND.—At the request of the chairman, Mr. W. L. Currie referred to the proposal to elect a Joint Committee of members of the Pharmaceutical Society and members of the British Pharmaceutical Conference for the purpose of forwarding the movement which has been set on foot for providing a permanent memorial to the late Lieut.-Col. Harrison. The Executive agreed that the representatives of the Conference should be as follows: The President (Mr. C. A. Hill), the treasurer (Mr. D. Lloyd Howard), the secretaries (Messrs. R. R. Bennett and C. H. Hampshire), with Major E. Saville Peck and Captain H. S. Phillips.

CORRESPONDENCE.—A letter was read from Mr. R. H. Benson conveying thanks for two cases of silver spoons presented to him by present and past members of the Executive Committee on his retirement from the office of assistant-secretary.

A letter was read from the secretary of the South Wales and Monmouthshire Pharmacists' Local Associations Federation, inviting the Conference to hold the annual meeting in South Wales in 1922.

A letter from the Worcester City and County Pharmacists' Association was read thanking the Executive Committee for a gift of Year Books.

NEW MEMBERS.—The following were elected: Mr. J. W. Patterson, Mr. J. G. Everett, Mr. S. R. Pearce, and Mr. W. Hay (Hull).

RESEARCH SUB-COMMITTEE.—The minutes of two meetings of the Research Sub-Committee held on November 26 and December 17 were read. The scheme for pharmaceutical research drafted by Mr. Kirkby, and addressed to the convener of the Research Sub-Committee, with subsequent correspondence as circulated to all members of the Executive, were fully discussed and eventually referred back to the Research Sub-Committee for further consideration.

Marriage.

HERMAN—MAXWELL.—At St. Mary's Church, Bootle, Liverpool, on January 10, by the Rev. W. J. Lexton, assisted by the Rev. G. Atkinson, vicar, Robert Charles Herman, chemist and druggist, son of the late Mr. W. Charles Herman, to Beatrice, daughter of Mr. Hugh Maxwell, St. Albans Road, Bootle.

Deaths.

BERRY.—At Walkden, recently, Mr. Nathan Berry, chemist and druggist, aged seventy-seven. Mr. Berry began his career as assistant to his brother, the late Mr. James Berry, chemist and druggist, Pendlebury, and subsequently opened in business at Walkden. Prior to the passing of the Pharmacy Act, 1868, and for some time afterwards, his was the only chemist's shop in the district. He retired from business in 1895.

COLLIN.—Recently, M. Eugène Collin, B. ès L., B. ès Sc., Pharmacien de la Première Classe, Colombes, Paris. M. Collin, who was born in 1849 at Carignan, was apprenticed to a pharmacist at Charleville. He went to Paris in 1867, and after a course of study took his first-class diploma in 1871 with a thesis on rhubarbs. For the next eleven years he carried on a pharmacy at Verdun; he then removed to Colombes, where he remained in business till 1888. In that year he was appointed to a post at a Paris school of pharmacy, and he subsequently accepted an official position in connection with the anti-adulteration Act. In addition to the well-known work on simple drugs, completed in collaboration with M. Gustave Planchon, in 1895, M. Collin was the author of numerous monographs and treatises of international fame. He was an expert engraver on copper, and prepared many of the blocks used for his illustrations. The Hanbury Medal (1903) and the honorary membership of the Pharmaceutical Society of Great Britain (1907) were two of the many distinctions that fell to his lot. As one of the pioneers of micrography in the study of materia medica, he will always have a place in the annals of pharmacy; but the charm of his kindly simplicity, sense of honour, and a modesty verging on timidity was known only to a limited circle. He is survived by two daughters. A fuller account of M. Collin's career appeared in *THE CHEMIST AND DRUGGIST*, I., 1903, p. 893; it should be mentioned, however, that he collaborated with Professor H. G. Greenish in the "Anatomical Atlas of Vegetable Powders," published in 1904, and that the indexes to the "Year Book of Pharmacy" bear abundant witness to the variety of his erudition.

CORKE.—At Harlington, Middlesex, on December 31, 1919, Mr. Edward Corke, chemist and druggist. Mr. Corke, who had lately retired, carried on a pharmacy at Ticehurst for many years. He was in business before August 1, 1868.

EPTON.—At Tower House, Pinchbeck Road, Spalding, on January 12, suddenly, of heart failure, Mr. James Epton, chemist and druggist, aged forty-three. Mr. Epton, who was a native of Hull, was the senior partner of Shadford & Co., chemists, Market Place. The business was founded in 1839. Mr. Epton leaves a widow and three daughters. The funeral took place, amid many manifestations of esteem, on January 14.

GRIFFIN.—At Burgess Hill, on January 10, Mr. Thomas Griffin, aged eighty-two. Mr. Griffin was cashier to Arthur H. Cox & Co., Ltd., Lewes Road, Brighton, for nearly forty years, and his signature in that capacity must have been familiar to many chemists. A few years ago he retired on a pension, still continuing to take a keen interest in the company's outings, concerts, and other social events. In spite of his great age, he remained active till the end.

HALES.—At 63 Coltart Road, Liverpool, on December 23, 1919, Mr. Thomas Meredith Hales, chemist and druggist, aged eighty-five. After passing the Modified examination in 1869, Mr. Hales acquired a business in

Warrington, which he successfully developed and retained for many years. Possessed of considerable musical ability, he obtained a reputation locally as a vocalist. His closing years were spent in retirement at Liverpool.

HALL.—At 69 Reddish Lane, Gorton, Manchester, on December 31, 1919, of pneumonia, Mr. Herbert Hall, chemist and druggist, aged forty-nine. Mr. Hall began his career in pharmacy in the laboratory of James Woolley, Sons & Co., Ltd., Victoria Bridge, of which he eventually became the manager. He qualified in 1892. Ten years ago he opened on his own account in Gorton, after twenty-four years' experience with Messrs. Woolley. He leaves a widow.

JACKSON.—At 32 Westfield Street, St. Helens, Lancs, on January 6, Betsy, widow of the late Mr. J. W. Jackson, chemist and druggist, aged seventy-seven.

WALMSLEY.—At Mount Road, Clive Vale, Hastings, on January 6, Mr. Robert Walmsley, chemist and druggist. Mr. Walmsley succeeded the late Mr. Frederick Rossiter in business at George Street, Hastings, thirty-five years ago. Latterly he had acted as dispenser at the Hastings Free Dispensary.

Business Changes.

KOLYNOS INCORPORATED have removed their offices to 156-157 Aldersgate Street, London, E.C. 1.

MR. G. A. GUEST, Ph.C., F.S.M.C., has taken over the business of Mrs. Graig Pye, 138 Waterloo Street, Burton-on-Trent, who has retired.

MR. E. J. LUCK, chemist and druggist, has taken over the business of the late Mr. Tenison N. Smith, chemist and druggist, St. Thomas's Square, Ryde, which he will carry on under the old name.

MR. W. LLOYD EVANS, chemist and druggist, has taken over, as from January 1, 1920, the business of Mr. W. Owen, chemist and druggist, Imperial Buildings, Ludgate Circus, London, E.C. 4.

MR. C. ANDREWS PRATT, chemist and druggist, has acquired, as from January 1, 1919, the pharmacy of Mr. Charles Cowles, chemist and druggist, Stratford, London, E. 15, of which he has been the manager for many years past. [Corrected note.]

MR. WILSON HILL, chemist and druggist, late managing partner of J. B. Barnes & Son, 205 Knightsbridge, London, S.W. 1, has acquired from Mr. M. H. Roots, chemist and druggist, the business recently carried on by him, and formerly by Mr. C. H. Dixon, at Westgate-on-Sea.

MR. R. E. KEMP, 19 and 20 Garlick Hill, London, E.C. 4, has purchased, as from January 1, 1920, from Mr. T. A. Harrison, proprietor of Anderson, Wall & Co., 9 Broomhill Market, Goodmayes, Ilford, that part of his business conducted under the style of The Curasol Sock Co.

C. OXFORD & Co., merchants and brokers, 59 Mark Lane, London, E.C. 3, announce that they have amalgamated their business with Charles Weis & Co., Ltd., 22 St. Mary Axe, E.C. 3. New premises are being acquired in which the joint business will ultimately be carried on.

MR. HERBERT ELLIOTT, chemist and druggist, has acquired, as from September 29, 1919, the business of Mr. T. H. Hanbury Francis, chemist and druggist, 8 York Buildings, Clifton, Bristol, who has retired. On account of the expiration of the lease the business is being removed to Arch House, Victoria Square.

MR. JOHN LORIMER, merchant and importer, 10 City Road, London, E.C. 1, intimates that the goodwill, stock, trade-marks, etc., of his business have been purchased by Mr. F. E. Bannister, M.P.S., who will continue the name and business on the same lines as hitherto. Mr. Lorimer, who has already had about sixty years' experience in the drug trade, and has travelled all over the world selling British-made goods, is still open to entertain any new business proposition in regard to the Colonies, India, and the Far East.

Trade Notes.

POMPADOUR BEAUTY SPOTS are the latest society craze. Maw's page gives particulars of the beauty spots, which are put up in boxes of two sizes.

NEW-SKIN.—The new prices of New-Skin are given in the announcement in this issue of Mr. J. E. Garratt, 96 Southwark Street, London, S.E. 1.

FRENCH BRUSHES.—Mr. A. E. Depreter, 24 Holborn, London, E.C. 1, supplies all kinds of French brushes, and states that these are free from anthrax germs.

MEND-A-TEAR.—The Leicester Rubber Co., Ltd., Leicester, obtained a first-class diploma for Mend-a-Tear at the recent Glasgow Housing and Health Exhibition.

TIDMAN'S SEA SALT.—The prices of Tidman's sea salt have been advanced from January 1. The altered prices are given in the advertisement of Tidman & Son, Ltd., London, E. 1.

HEALO SKIN OINTMENT.—Manrice Smith & Co., Ltd., manufacturing chemists, Kidderminster, announce a bonus scheme and window-show allowance in connection with Healo skin ointment.

CINEMA DENTIFRICE.—An advertising scheme for promoting the sale of this dentifrice is explained in the advertisement in this issue of the Cinema Soap Co., 22 Finsbury Park Road, London, N.

SLIPPERINE BALLROOM FLOOR POLISH is advertised in this number by Johnston & Adams, Dundee. It is put up in sprinkler tins selling at 1s. 6d. A list is given of wholesale houses which stock the preparation.

SAFE SHAVING-BRUSHES.—The Fram Manufacturing Co., Ltd., Birmingham, advertise in this issue the fact that their British shaving-brushes are guaranteed free from disease germs—an important announcement at the present time.

POMPEIAN TOILET SPECIALITIES.—John Ellis & Co., Ltd., 50 Wellington Street, Leeds, have been appointed sole distributing agents for the United Kingdom of the Pompeian toilet specialities of the Pompeian Manufacturing Co., Cleveland, O.

CHARLES H. PHILLIPS CHEMICAL CO., 14 Henrietta Street, Covent Garden, London, W.C. 2, inform us that they supply labels indicating the increased prices of their Milk of Magnesia for use on wrappers marked with the old prices. The importance of having packages correctly priced is obvious.

THE SPECIALITIES of the Associated Scientific Products Co., 5 Bloomsbury Square, London, W.C. 1, are Inkie, a preparation for removing ink stains; Crème Madonna, a toilet cream; No-Viddy, a calomel ointment, and mist. tussis cum bynes conc., a cough mixture. The company also deal in glass bottles and table glass.

EAGLE DYES.—Ayrton, Saunders & Co., Ltd., Liverpool, have been appointed sole distributing agents for the United Kingdom for the Eagle dyes made by John C. Sparks, New York. The dyes are made in a large variety of colours, and for wool, silk, or cotton. The packets retail at 7½d. and cost wholesale 60s. per gross.

RAT-QUIT, made by Lawson & Co. (Bristol), Ltd., St. Philips, Bristol, is enjoying a boom at present. The proprietors urge chemists to take up the sale of rat poisons and so obviate the necessity for public authorities selling these products. The company's advertisement in this issue contains full particulars of the terms and a bonus offer. Rat-Quit does not contain a scheduled poison.

DIARY CORRECTIONS.—Since the advertisement of John Lorimer (p. 126) was printed in the *C. & D. Diary*, 1920, the prices of Sanatogen have been revised as follows: 4 oz., 18s. per doz.; 8 oz., 31s. per doz.; 4 lb. tins, 15s. each. James Tompkins, Ltd., also ask us to state that the prices quoted in their advertisement (p. 454) for water wings are obsolete. The new prices can be obtained on application.

Personalities.

MR. W. ADAMS, Ph.C., High Street, Shrewsbury, has been re-elected chairman of the War Pensions Committee for the borough.

MR. F. A. DAVIS, the West of England representative for D. & W. Gibbs, Ltd., City Soap Works, London, E.C., has been elected chairman for 1920 of the Bristol branch of the United Kingdom Commercial Travellers' Association.

MISS NAX REES, youngest daughter of Mr. Harding Rees, chemist and druggist, 31 High Street, South Norwood, S.E. 26, has passed the L.R.A.M. examination for violin. Mr. Harding Rees, we regret to hear, is at present dangerously ill.

ALDERMAN R. P. REES, J.P., President of the Merthyr Tydfil County Borough Chemists' Association, and ex-Mayor of that borough, has been presented by the Downland Chamber of Trade with a wallet containing 80% in Treasury notes by way of recognition of his public services.

At the consecration of the Edwinstowe Lodge, No. 3,998, held at the Masonic Hall, Nottingham, on January 9, local pharmacy was well represented, Bro. W. Meakin being invested as Senior Warden; Bro. S. H. Platin, Junior Warden; and Bro. G. F. Greson, Senior Deacon. Worshipful Bro. G. J. R. Parkes, P.Gr.D. (The British Drug Houses, Ltd.), was also present at the ceremony, which was performed by the Deputy Prov. Grand Master of Nottinghamshire.

MR. H. M. LLOYD, chemist and druggist, Vice-President of the Merthyr Tydfil County Borough Chemists' Association, was presented on January 8, on behalf of the staff of the health department of the Merthyr Corporation, with a silver cigarette-box. Mr. Lloyd was connected with the Corporation for ten years, and served a term of office as Mayor. Eulogistic speeches were made at the presentation ceremony by the medical officer of health and others, and Mr. Lloyd, in the course of an interesting reply, paid a high tribute to the officials responsible for the administration of public health in Merthyr.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

- | | |
|---|--|
| 69/74. Cole's ossidine. | 147/49. "Toras" or "Taras." |
| 150/10. Sanitary Wood Wool Co.'s specialities. | 148/12. Mentholol. |
| 151/44. J. & R. McCracken's eau de Cologne. | 147/63. Butler's sarsaparilla. |
| 149/30. "Neat," American manicure preparation. | 147/63. "Medial." |
| 148/35. "Nutritive Meat Wine" (Pedro Augusto Franco). | 152/6. "Eclipse" vaporiser lamp. |
| 151/60. Pumiston. | 153/26. Rubber nipples, "B. R. & B. London" (Lion and Globe trade-mark). |
| 148/23. Allen's patent gumming machine. | 140/49. "Popular" atomiser. |
| | 155/29. Bradbury's eucalyptus oil. |

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4:

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|-------------------------------------|--|
| Angier's Emulsion, 151/41 | "Esmolin," 145/51 |
| Benzyl chloride, 138/3 | "Flowers of Oxzoin," 135/5 |
| Bisurated magnesia, 151/41 | "Plumal," 133/28 |
| "Bitrate of Tar," 135/5 | Guard's hair dye, 145/7 |
| Bottle-washing machinery, 140/40 | Hunt's bottle caps, 145/7 |
| Copper Alanin, 122/2 | Ingram's milkweed cream, 144/18 and 248/31 |
| Coty's perfumes (agents), 127/38 | "Iodomints," 135/57 |
| "Crembas," 145/25 | Label cabinets, 137/69 |
| Crème Simon, 123/23 | Lactogen, 141/40 |
| "Cystopurin," 132/31 | "Nujol," 125/1 |
| Davis's spring arch support, 145/46 | Oiled silk, 116/59 |
| "Electrargol," 138/37 | "Orilene" oil capsules, 135/5 |
| Electric belts, 138/26 | Phelp Brown's pills, etc., 143/13 |
| | Runkin's ointment, 145/7 |
| | "Subitol," 142/58 |

Observations and Reflections.

By Xrayser II.

The New Tariff Terms,

though accepted by the Conference of Delegates, are not, in the proper sense, acceptable. That acceptance by the Conference will carry with it acceptance by the great body of panel chemists may be taken for granted, and it would be presumptuous in me or any individual pharmacist to counsel rejection in the face of the decision of last week, but personally I regard the decision as a mistake. The uncertainties of the future Medical Service of the country are such as may necessitate our continuance in that service until a permanent settlement of the questions involved is arrived at, if we wish to secure a place in the ultimate scheme, and it may be good policy to accept the terms offered in the interim, though I gravely doubt it. Our acceptance will inevitably strengthen the official impression (for which there is only too much justification) that whatever we ask for we are always prepared to accept something less, than which impression nothing can be more adverse to a satisfactory arrangement. We certainly cannot accept these terms as final, and

What Hope is there

that a reconsideration of them in June will secure us anything better? What reason to suppose that there will not then be the same "bargaining and higgling," with the same result? Apparently, the attitude of Dr. Addison was as "reasonable and friendly" as it is ever likely to be; it can hardly be more so six months hence, and it may then serve the same purpose. He pays us in compliments what is due in hard cash, or, as our official organ puts it, gives us "moral compensation" for a "material deficiency." We have had enough of such twaddle as this. Soft words butter no parsnips; they may satisfy a timid and sycophantish Council, but they simply make us sick. The maxim you quote, that there is no friendship in business, may sound cynical, but it has its root in common sense, and it is a hard business deal in which we are engaged, in which a firm offer and a refusal to recede from it is both the most honourable and the most likely to succeed of any attitude we can assume. The time, it seems to me, has already come in which we ought to have adopted it. We have waited until the war is well over; we are now to wait till the Ministry of Health is in full working order; we may then be asked to wait until it has had a year or two's trial; and we are too likely to give the impression that we shall wait as often as we are asked to. Probably we shall under our present leadership. Fortunately May comes before June!

The 35 per Cent. Increase

which Mr. Humphrey says we have got still leaves us worse off than Scottish panel chemists. Is it believed by the Ministry of Health that we give an inferior service? Our acceptance of inferior terms certainly lends colour to that idea in the minds of those who have no other criterion to judge by. I am convinced that there is no other ground for it, and am surprised that the Conference should accept terms which leave us open to such a misrepresentation. Was it put forward by the Scots merely as a business argument, or do they really think it true? In either case it is an injurious charge which ought not to have been made without full proof, and its authors ought to be challenged to show justification for it.

Dr. McWalter

makes an excellent defence against his critics, and, if I may take the correspondence at its face-value, wins all along the line so far as the matter in dispute is one of ethical propriety. If the facts are as he states (which I do not question), the arguments brought against him ought not to weigh for a moment against his proposal. A society having a monopoly of dispensing is morally bound to dispense for every member of the community indifferently, whether it is legally so bound or

not. It makes no difference whether or not the doctors are similarly bound. But is Dr. McWalter's argument that the conditions under which alone certificates are granted are also conditions under which alone the certificates can be retained, and is it one of these conditions that the holders shall dispense for anybody and everybody? I do not find this expressed in the amended Act of 1890, or in the first draft (the only one I have) of the Bill of 1875. It may be implied, but is that enough?

The January Issue

of the London chemists' retail price-list shows many alterations in price, but except as regards articles whose prime cost has materially increased, the general tendency is to lower prices. Tinctures are, as a rule, noticeably lower, though S.V.R. has advanced. Medical appliances and sundries are also, with a few exceptions, marked lower. The most noteworthy change, however, is in the dispensing-charges. In the December list the old flat-rate system was the only one recognised; in the new list the costing basis is added as an alternative. We could hardly have a better illustration of the superior convenience of the old system than is thus afforded us. By it the price is evident at a glance, by the other four separate units (some of them highly problematical) have first to be arrived at by calculation and then added together to form the total. A week of forty-eight hours is too short for these arithmetical exercises, to say nothing of their uncertainty.

Medical Ethics

have recently been discussed in Scotland, and the subject is one in which we may be allowed to take an interest. Here is a case I should like to submit. An old friend of mine has suffered for several years from an obscure form of gout, which her family doctor has failed to relieve. About a year since he sent her to a Harley Street specialist, who did not give her a prescription, but said he would communicate with the doctor who introduced her. The result was the exhibition of an entirely new medicine, which has done her a great deal of good. Meanwhile she has gone to live at a considerable distance from her doctor, and hearing that he was disposing of his practice, she wrote asking him as an old friend to let her have the prescription, as she did not propose to put herself under the care of an entire stranger living so far away. The reply not unnaturally was that the prescription went with the practice, and she had better apply to the new man. This she did, offering to pay whatever he thought proper for the prescription. He refused to part with it on any terms, but said she could have the medicine at any time through him. In this attitude he persisted until last week, when, under pressure of a threat to lay the correspondence before the General Medical Council for judgment, he wrote to say that on receipt of a guinea the prescription would be sent.

An Old Medical Receipt-book

is hardly the place in which we should expect to find light thrown upon the question of Shakespeare's education, but this is done by the late Mr. Weddell's "Arcana Fairfaxiana," that fascinating *fac-simile* of Margaret Cholmeley's still-room book. Sir Sidney Lee in his "Life" of the poet says that his use of the "old English" handwriting testifies to his provincial education, since in his day the more elegant Italian hand was in common use in polite circles; and commenting on this statement (which he does not accept), Mr. W. H. Stevenson in a recent number of the "Times Literary Supplement" says that the English hand, which bore the same relation to the Italian as black letter does to Roman type, was in those days usually taught to the younger scholars as the native hand, the Italian to those who were more advanced. This, if true, would imply that Shakespeare left school unusually early, which we have other grounds for believing, but Mr. Stevenson goes on to show that ripe scholars sometimes used both hands indifferently, and that Sir Sidney Lee's statement is not borne out by known facts. Mr. Weddell's book may be cited in proof of this, for in it the two hands are more than once intermixed.

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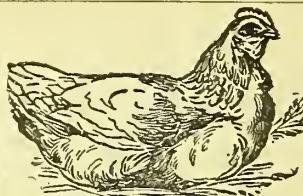
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Index Folio 80



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An announcement of particular
interest to you appears in
this issue on page xxxix.

PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with
the Registration of Trade Marks and the grant of Letters Patent which
members of the Retail and Wholesale Drug Trade can avoid by consulting
an efficient agent, who would undertake all the trouble for an inclusive fee
and obtain protection in the United Kingdom and abroad. Advice in the
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Editorial Articles.

The New Diary.

THE distribution of THE CHEMIST AND DRUGGIST DIARY
1920 will be completed within the next few days. We are
sorry we were not able to let our subscribers have the
volume in time to commence the year, but the causes of
the delay were beyond our control. It will be seen that
the Diary has been restored to its normal size, the issues
for the two previous years having been free of advertise-
ments owing to the necessity for conserving the paper
supply during the war. The present Diary contains the
advertisements of nearly seven hundred houses connected
with the drug-trade, and is the finest collection ever brought
together in one volume. There are several thousands of
articles advertised, and it will be seen that an attempt has
been made to indicate the most important of these in the
Buyers' Guide, in the compilation of which the adver-
tisers have assisted us. A study of this list is interesting
on account of the occurrence in it of many unusual items,
but as a help in purchasing we anticipate that it will prove
even more helpful than any which have preceded it. The
alphabetical list of advertisers is so arranged that beside
the names and postal addresses, the telephone and tele-
graphic addresses are given. The literary matter begins
with a large number of formulas of "known, admitted,
and approved" remedies. These formulas are a continuation
of those in "Pharmaceutical Formulas," and were begun
in the Diary sixteen years ago. The fact that the supply
of formulas keeps up is a testimony to the ingenuity of
chemists in devising new forms. A useful section which
gives the weights and descriptions of original packages of
drugs and chemicals comes next. This is a feature which
purchasers of large parcels will appreciate, as there is
always a saving in buying original packages. We con-
tinue the price comparisons which we have published
during the war. These enable our subscribers to trace

the alterations in prices which have taken place since July 31, 1914. The universal enhancement of prices is a complete answer to those who accuse retailers of profiteering in the sale of drugs and chemicals. The section on National Health Insurance will have to be somewhat modified in regard to the scale of dispensing-fees, which, as our readers are aware, were altered only last week. For convenience we print a comparison of the fees in 1916 and 1920, which will enable panel chemists to supplement the information given on p. 284 of the Diary.

New Scale of Dispensing-fees.

	Price (in pence) per prescription	
	1916	1920
Mixtures, liniments, lotions, gargles, mouth-washes, drops, and other classes of liquid medicaments not specified on this scale, required to be compounded or prepared by the chemist:		
(i) Compounded or prepared extemporaneously	2 8	5 4
(ii) Compounded or prepared in bulk	2 3	4 7
Ointments, pastes, and confections	3 6	6 6
Emulsions	4 0	7 2
Powders, not exceeding 6	3 2	6 0
" over 6 and not exceeding 12	4 4	7 8
" each extra dozen or part of a dozen	1 2	1 8
" mixed bulk	3 2	6 0
Cachets, not exceeding 6	4 4	7 8
" over 6 and not exceeding 12	5 6	9 6
" each extra half-dozen or part of half-dozen	1 2	1 8
Pills, not exceeding 24	5 6	9 6
" each extra two dozen or part of two dozen	1 2	1 8
Plasters	6 8	11 4
Blisters	4 0	7 2
Suppositories, pessaries, bougies, capsules, ampoules, pastilles, lozenges, not exceeding 6	6 8	11 4
Suppositories, etc., over 6 and not exceeding 12	8 0	13 2
Suppositories, etc., each extra dozen or part of a dozen	1 2	1 8
Granules	10 4	16 8
Tablets, not exceeding 12	8 8	14 4
" each extra dozen or part of a dozen	0 8	1 2
Appliances	0 8	2 4
Any solid or liquid drug or preparation ordered alone and not required to be compounded or prepared by the chemist	1 8	3 9

Among the other features of the Diary is a comparison of the strengths of the diluted alcohols of various Pharmacopœias and formulas for non-alcoholic perfumes. The Statutory Restrictions on the Sale of Poisons, etc., have been revised since last year, but our hopes were disappointed that we should have been able to omit the superfluous Army Order as to Drugs for the Troops and the Cocaine and Opium Regulation under the Defence of the Realm Act. The other matters our subscribers will find when they turn over the pages of the Diary, as we hope they will do with pleasure and profit to themselves.

Overseas Trade in 1919.

As the solvency of the British Empire largely depends on the prosperity of our export trade we need make no apology for giving in fuller detail than usual the salient facts concerning overseas business in the year just closed—the first calendar year of peace. During the second half of 1919 it was apparent that our foreign trade was steadily improving month by month, and the Board of Trade Returns for December, which were issued as we closed for press last week, are a fitting culmination to the movement, the figures for the completed year showing that the position has substantially improved compared

with a year ago. During December the total imports amounted in value to 169,735,000*l.* and the total exports (British and re-exports) to 117,018,000*l.*, leaving an adverse balance of 52,717,000*l.* These figures compare with imports of 143,565,000*l.* and exports of 107,377,000*l.* for the preceding month of November. As compared with December 1918 the increase in imports amounts to 53,491,000*l.*, but compared with two years ago the increase is almost 85,000,000*l.* Exports, including re-exports, during the month increased by 75,623,000*l.* compared with December last year, while the increase compared with two years ago amounts to 76,698,000*l.* The extent of our progress, especially in the fourth quarter of the year, is clearly seen from the following table, which gives the figures month by month:

1919	Imports	Total Exports	Adverse Balance
	£	£	£
January	134,518,000	51,903,000	82,615,000
February	107,074,000	52,034,000	55,040,000
March	105,772,000	62,058,000	43,714,000
April	112,211,000	71,829,000	40,382,000
May	135,657,000	75,860,000	59,817,000
June	122,946,000	76,526,000	46,470,000
July	153,140,000	77,073,000	76,067,000
August	148,832,000	90,085,000	58,747,000
September	148,625,000	82,249,000	66,376,000
October	153,486,000	98,703,000	54,783,000
November... .. .	143,600,000	107,400,000	36,200,000
December	169,735,000	117,018,000	52,717,000
	1,631,901,000	962,695,000	672,848,000

The adverse balance is almost 673 millions, against about 784 millions last year, so that we are moving in the right direction, and although the figures look formidable it must be remembered that the imports are calculated on a c.i.f. basis, which includes insurance and freight, these two items being considerably heavier than they used to be, whereas the exports are f.o.b. or net. In other words, it must be remembered that the value of our "invisible exports" is excluded, but how far these can be reckoned a compensating factor it is difficult to say, as they are really an unknown quantity. The optimistic President of the Board of Trade believes that more than 500 millions sterling must be set against the adverse 673 millions, this representing the earnings of shipping, income from investments abroad, and banking and insurance commissions. This calculation would bring the net adverse balance down to some 150 millions sterling, a figure far below what was at one time apprehended. If, therefore, the present rate of progress should be maintained there is a probability that the adverse balance will prove to have been merely a temporary phase, due to the replenishment of foodstuffs and raw materials. Last year our imports were valued at 1,631,902,000*l.*, of which 712,348,000*l.*, or about 44 per cent., was food, drink, and tobacco; 646,450,000*l.*, or 39 per cent., was raw materials and articles mainly manufactured, and the remaining 266,200,000*l.*, or 17 per cent, consisted of wholly or mainly manufactured goods. Compared with the 1918 records we paid 142½ millions more for food and 188 millions more for raw materials; on the other hand manufactured articles declined by 13.3 millions, which was very satisfactory, and our imports of chemicals and the like also declined by 15½ millions. Much of this decline is due to the cessation of imports of materials directly or indirectly connected with the war, such as sulphur, saltpetre, acetone, sulphuric acid, calcium-carbide, and many others in the unenumerated groups: On the next page we give the imports month by month.

Imports of Chemicals, Drugs, Dyes, and Colours.

	1917	1918	1919
	£	£	£
January	1,953,743	3,040,177	2,550,175
February	1,610,851	2,009,306	1,918,778
March	2,231,990	3,374,681	1,511,178
April	2,006,309	2,941,778	1,365,163
May	1,943,141	4,324,905	1,549,714
June	1,916,451	2,581,599	1,775,812
July	2,185,510	3,895,778	2,157,313
August	2,682,254	4,224,882	1,773,344
September	2,871,219	3,535,038	2,125,285
October	2,637,474	2,695,634	1,967,034
November	2,806,139	3,394,144	1,922,471
December	3,195,357	2,436,035	2,446,085
	28,027,548	38,521,587	23,062,352

Most of these are raw materials which are necessary for our industries, and we make a selection of the most interesting items :

	1917	1918	1919
	£	£	£
Acetic acid ... cwt.	104,347	89,753	74,879
Bleaching materials ... "	3,247	68	2,493
Borax compounds ... "	270,442	185,555	325,826
Brimstone ... "	587,835	1,454,393	151,470
Calcium carbide ... "	376,408	517,262	494,594
Coal products, not dyes ... "	42,762	13,661	39,110
Cream of tartar ... "	38,388	39,701	23,877
Glycerin ... "	7,900	63,490	40,759
Potash compounds, saltpetre ... "	397,418	383,089	145,818
Other sorts ... £	329,155	450,057	633,961
Soda compounds ... cwt.	122,571	93,597	42,753
Tartaric acid ... "	15,732	14,980	17,043
Unenum. chemicals ... £	9,675,076	19,450,855	3,643,787
Peruvian bark ... cwt.	33,934	29,140	59,335
Quinine and salts of ... oz.	5,019,967	2,380,149	5,764,943
Unenumerated drugs ... £	2,264,278	2,514,988	3,599,069
Cutch ... cwt.	47,513	59,367	52,545
Aniline dyes ... "	53,052	44,668	58,566
Synthetic indigo ... "	11,966	2,084	2,466
Gambier ... "	130,561	131,565	106,005
Painters' colours & pigments ... "	626,898	320,041	1,164,944

On the export side of the Returns the total (British and re-exports) is '962,695,000£., an advance of over 430 millions, or almost 50 per cent. over 1918. Particularly gratifying are the exports of British manufactured goods, which increased by 225 millions to 631,643,000£. Raw materials improved by 60½ millions, coal showing a gain of 39,581,000£., but the actual quantity shipped was only a trifle larger. Oil-seeds, oils, and the like expanded by 11,445,000£. to 14,359,440£., linseed, rape, and other fixed oils figuring largely in this group, particularly to the Continent. Food, drink, and tobacco were exported to the value of 33½ millions, or 21½ millions more. In the manufactured articles section chemicals and allied products were exported to the value of 29,468,717£., or 6,805,569£. more, the monthly figures being as under :

Exports of Chemicals, Drugs, Dyes, and Colours (British Make).

	1917	1918	1919
	£	£	£
January	2,345,684	1,773,805	2,891,963
February	1,684,977	1,713,185	1,949,603
March	1,960,799	1,818,602	2,240,525
April	1,519,063	1,730,344	2,731,082
May	1,929,566	2,025,933	2,568,146
June	1,919,940	1,987,596	1,946,698
July	2,118,790	1,823,239	1,984,955
August	2,112,597	2,097,181	2,458,265
September	1,944,337	1,758,687	2,075,842
October	2,047,100	2,002,393	2,546,853
November	2,135,814	2,016,817	2,865,786
December	1,948,818	1,993,201	3,208,999
	23,967,485	22,740,983	29,468,717

Some of the leading items are as follows :—

	1917	1918	1919
	£	£	£
Bleaching powder ... cwt.	58,420	71,331	348,886
Coal products, not dyes ... £	3,130,976	2,883,096	3,411,806
Copper sulphate ... tons	47,130	47,596	35,088
Glycerin ... cwt.	98,525	61,128	61,355
Sulphate of ammonia ... "	62,931	19,150	94,435
Medicines, comprising drugs and medicinal preparations ... £	3,156,476	3,116,962	4,389,340
Muriate of ammonia ... cwt.	84,524	44,206	116,634
Painters' colours & materials ... £	1,140,551	487,227	1,337,439
Potash compounds ... "	148,285	134,318	349,902
Soda compounds ... cwt.	5,310,194	5,751,947	6,362,683
Sulphuric acid ... "	20,647	22,731	50,704
Tartaric acid ... "	17,434	3,015	9,726
Chemicals, other sorts ... £	5,171,075	5,824,231	5,047,019

The above figures show that trading during the year in chemicals and drugs has been very satisfactory, particularly during the third quarter, although there are still many difficulties to contend with as a consequence of the war. The fact that prices of many chemical products have declined from those prevailing at the beginning of the year has materially helped the situation, giving more confidence to buyers, but towards the last few months of 1919 the pendulum began to swing the other way, and values of many chemicals showed an upward tendency. Shippers have had much to contend with, and although cargo accommodation has improved freights have continued high, and foreign trade has been hampered by congestion at all home and overseas ports, while the fluctuations in the rates of exchange have made business at times exceedingly difficult. The progress that has been made in the exports of drugs and medicines is shown in the following table :

Export of Medicines, comprising Drugs and Medicinal Preparations.

	1917	1918	1919
	£	£	£
January	257,552	262,883	443,227
February	272,248	229,222	332,558
March	323,644	253,443	288,531
April	266,933	263,741	369,848
May	274,701	251,909	395,761
June	248,541	259,662	322,774
July	270,151	275,791	353,514
August	307,325	286,391	385,587
September	214,850	255,821	322,514
October	283,622	252,487	349,807
November	249,139	287,038	407,722
December	236,740	225,933	417,497
	3,156,476	3,104,321	4,389,340

In the above figures, British quinine and quinine salts are represented by 287,699£. for 1919, compared with 68,267£. in 1918, the quantity exported being 1,722,191 oz., against 406,207 oz. Our re-export or entrepôt trade, which was practically destroyed during the war, has made a rapid recovery, rising from 4½ millions in January to 26 millions in December; on the year's working the actual increase compared with 1918 is 133,376,900£. In these re-exports appear chemicals, drugs, dyes, and colours to the value of 5,692,000£., or 2,808,000£. more than last year. They included 3,327,331 oz. (369,408£.) of foreign-made quinine. Re-exports of quicksilver were very large at 3,438,423 lb., against imports for the year amounting to 2,841,893 lb. Finally, we may add that the detailed figures of British trade will repay closer examination than usual, as the indications are that overseas business is well on the road to recovery, barring any unforeseen contingency or serious labour disputes.

The Destruction of Rats.

It is important that chemists should continue to take the leading part in supplying the public with the destructive agents required in the campaign against rats, especially in view of the powers conferred upon Public Authorities by the Rats and Mice (Destruction) Act which came into force on January 1. We have therefore asked a pharmaceutical chemist with special knowledge to write us a series of articles dealing with the various aspects of the subject.

I.

YEARS ago the writer sat at the feet of a pedagogue—an "usher" he loved to style himself—who taught his class not over-much of grammar or syntax, but imparted in some sort a knowledge of men and things. He would thunder out, for example, to a wondering group of very small Londoners that "the English are the most wasteful and thriftless people on the face of Europe; a German can live on the leavings of an Englishman, a Jew can live on the leavings of a German, and a Scotsman can live on the leavings of a Jew."

Now, in the first part of this saying there is still enshrined a measure of wisdom and truth, despite all the economies which five years of unprecedented waste have forced on us. And herein may be found one of the main reasons for the vigour of the national campaign now being waged against rats. In the past we were too thriftless to take enough trouble to destroy those who robbed us annually of foodstuffs computed by a competent observer in 1909 to be worth as much as 15,000,000*l.*, apart from damage done to food on our ships. And much food found its way to the rubbish-heap or the back yard which should have been used in the home.

Yet the process of destroying the rat's natural enemies—the weasel, the stoat, the kestrel, and others—proceeded; and during the war fresh encouragement was given to the rat population by the great growth of the system of allotments, the increased number of pigs and fowls kept by householders, and the impossibility of securing the services of active men either to make existing buildings rat-proof or to hunt the rodents.

ENEMIES TO PUBLIC HEALTH.

With a fuller realisation of economic peril came also a more general awakening to the fact that rats, and the fleas which infest them, constitute a very real menace to public health. This is perhaps especially true of the old English black rat (*Rattus rattus*), which is the common rat on ships. The Curator of Reptiles to the Zoological Society has recently stated that "not only has the common brown rat (*R. norvegicus*) very greatly increased in numbers in recent years, but since 1910 the old English black rat has become much more abundant, and in London both species are now in some parts living in harmony. . . . This recent increase in the numbers of the old English black rat is disquieting, and can only be checked by the enforcement of stricter measures for their destruction on incoming vessels." Naturalists say that all our rats are aliens and of Asiatic origin.

Mr. M. A. C. Hinton, in a recently published work entitled "Rats and Mice as Enemies of Mankind," mentions plague (both bubonic and pneumonic), trichinosis, influenza, dysentery, and foot-and-mouth disease as among the disorders known to be conveyed by rats to other animals, and not seldom to mankind. "Plague is quite frequently detected among the rats in British ports; it is constantly arriving in this country, and every year deaths from it occur among the human inhabitants." This has been especially noticeable in East Suffolk, where, as the result of a serious outbreak in 1910, an energetic campaign of rat-destruction was subsequently carried out under the direction of the Local Government Board. For many years some local authorities, especially at seaport towns, have waged the same war. But efforts of this kind have never been universal, and rat-destruction is a task which, of all others, demands persistent and concerted vigour, in view of the extraordinary fertility of the rat. It has been

computed that the progeny of a single pair of rats, if all were to survive, would number in five years no fewer than 940,369,969,152 rats.

THE RATS ORDER, 1918.

For all these and other reasons, therefore, it was not surprising that the Government found time in August 1918, when the Boche had at last begun to be "on the run," to allow the Food Controller to exercise his power under D.O.R.A. by promulgating an Order, which empowered (without compelling) local authorities, where they were "of opinion that rats are causing preventable damage or destruction to foodstuffs within their area [to] take such measures as they shall think proper for the destruction of such rats." The Board of Agriculture lost no time in appointing an expert in rat-destruction to a position on their staff as technical adviser and in applying what is commonly known as "ginger" to the local authorities. With many of these authorities the first step was to advertise a willingness to pay 2*d.* or 3*d.* for every tail or carcase—a procedure which fell into some disrepute when it was found that a trade grew up in rat-breeding and in the despatching of tails from the areas of less generous local authorities. However, in some districts this system still prevails, and it has recently been announced that in Hertfordshire 200,000 rats' tails were paid for in the year 1919. Some local authorities (including the Hertfordshire County Council) went much further, and appointed rat officers and rat-catchers, in 1918 or 1919, to make use of the powers which the Rats Order conferred on them. But, as is the case with all enabling powers, especially when the cry for municipal economy is more than usually insistent, a number of local authorities were content to do little or nothing at all. Some of the Metropolitan Borough Councils, to whom the L.C.C. had delegated their powers under the Rats Order, regarded the matter as one which principally concerned the sewers, for which they had no responsibility, or for the protection of purely agricultural areas, or for other reasons shrank from adding to the number of officials in their employ. Some county and county borough councils, too, were, naturally enough, less active than others, and have been "black-listed" as defaulters by the Board of Agriculture.

But the Rats Order of 1918 served one very useful purpose. It prepared the public mind for far more drastic legislation. And thus in the session of 1919 the President of the Board of Agriculture had no difficulty in persuading Parliament to pass into law the measure now known as

THE RATS AND MICE (DESTRUCTION) ACT, 1919.

It is to study the situation arising from this new Act, especially as it will affect chemists and druggists, that is the main object of these articles. What, then, does the Act require? In the first place, it definitely and positively obliges an occupier of land or buildings (Section 1)—

To take such steps as may from time to time be necessary and reasonably practicable for the destruction of rats and mice on or in any land of which he is the occupier or from preventing such land from becoming infested with rats and mice.

Note, too, that "land" includes any buildings and any other erection on land and any cellar, sewer, drain, or culvert in or under land. The obligation is on the occupier of occupied land or buildings and on the owner of unoccupied property. It may be that some administrative difficulties will arise in dealing with cottages or small dwelling-houses which require structural work in order to make them rat-proof. The local authority receives no power to require the owner of an occupied house to effect repairs, although in this class of property it is usually the owner's business, and not the tenant's, to carry out any such work. It is a little strange that this point apparently escaped the notice of the Labour group in the House of Commons—possibly it was felt that the general powers of the local sanitary authority, under the Public Health and Housing Acts, suffice to achieve all that may reasonably be demanded.

The Act applies to a vessel as if the vessel were land, and the master is to be deemed to be the occupier. Failure to perform the duty thus imposed may involve

prosecution in a police court at the instance of the local authority, and a fine not exceeding 5*l*. No prosecution under the Act may be instituted except by or with the authority of the Board of Agriculture or the local authority. The local authority, however, has a further power:

Section 5.—(1) Where a local authority having power to enforce this Act is of opinion that the occupier of any land in its district has failed to take such steps as are required by Section 1 of this Act, such local authority may either serve a notice on the occupier requiring him to take such steps as are prescribed in the notice within a time specified therein, or, after not less than twenty-four hours' previous notice to the occupier, enter upon the land and take such steps as are necessary and reasonably practicable for the purpose of destroying the rats and mice on the land or of preventing the land from becoming infested with rats and mice, and may recover any reasonable expenses so incurred from the occupier of the land summarily as a civil debt.

(2) A local authority in the exercise of its powers under this section shall, as far as possible, take or secure collective action for the destruction of rats or mice.

And if an occupier fails to take the steps prescribed in the notice from the local authority, he may be fined as much as 20*l*. Local authorities are further expressly required to execute and enforce the Act, and their officers are entitled, on production of a document showing their authority, to enter and inspect premises and have reasonable facilities accorded to them for the execution of their duties, a penalty being provided for obstructing them in their duties.

MICE.

It will have been noticed that the new Act applies equally to rats and mice. Practically all the evils which may be traced to rats may similarly be ascribed to mice. But there is another good reason for extending the scope of legislation to include the destruction of mice. If the rat campaign succeeds in reducing very greatly the number of rats in this country, the food and shelter available for mice will be correspondingly increased, and a large natural increase in the number of mice would inevitably result. The prevention of a serious mouse-plague is the one and only advantage which can be placed to the credit of the rat.

The Act applies to the whole of Great Britain and Ireland, and came into force on January 1 of the present year. The Rats Order, 1918, has not yet been revoked, and is therefore still in force. But it may be expected before long to follow many of the other "Dora" Orders into the waste-paper basket.

Associations' Winter Session.

Coventry.—At a meeting of the Coventry Pharmacists' Association, held on January 6, Mr. C. H. Welton presiding, the secretary was appointed to attend the Federation meeting at Birmingham on January 28. Private dispensing charges were discussed, and it was decided to appoint a sub-committee to deal with this matter. It was also decided to hold a social and whist-drive early in February. The secretary and chairman then spoke on the claims of the Benevolent Fund of the Pharmaceutical Society.

Dundee.—A meeting of the Dundee branch of the Scottish Pharmaceutical Federation was held in Mather's Hotel on January 9, at which Mr. C. Stephen presided. A discussion took place on the scale of wages and working hours proposed by the Assistants' Union, and it was agreed to remit the decision of the meeting to the headquarters of the Federation.

Great Yarmouth.—The monthly meeting of the Great Yarmouth Pharmaceutical Association was held on January 7, the President (Mr. P. R. Hill) in the chair. A discussion took place with regard to the supply of red squill and barium carbonate under the Rats and Mice (Destruction) Act, and it was decided to bring the matter forward again at the next meeting. Mr. F. E. Whitfield was elected honorary local secretary to the Proprietary Articles Trade Association. The President gave an account of the proceedings at the Conference of Local

Association Delegates, and answered several questions. A vote of thanks was afterwards accorded him.

Ipswich.—A meeting of the Ipswich and Suffolk Chemist' Association was held on January 8, at which the Rats and Mice (Destruction) Act was discussed, and it was decided to recommend the members of the Association to carry stock and supply at reasonable prices, the Secretary being instructed to notify the various health authorities in the county. A short discussion followed on the new Insurance terms for 1920.

Manchester.—The Manchester Pharmaceutical Association called a meeting of panel chemists on January 12 to receive the delegates' report of the recent Local Associations Executive Conference. Mr. A. Hershberg (President) gave a lucid description of the meetings held in the Delegates' Hall, Hearts of Oak Friendly Society Buildings, Euston Road, London. He dwelt on the splendid part Lancashire, and particularly Manchester, had played in the proceedings both at the morning session and in connection with the appointing of delegates to interview the Minister of Health (Dr. Addison). Mr. J. H. Nidd, L.A.E. representative, and one of the deputation to the Ministry of Health, then spoke, emphasising the cordial manner in which Dr. Addison received the deputation and the sympathetic hearing obtained for their claims. Mr. Nidd said that he personally was very satisfied, and although they had not yet got the 50 per cent. they had gone a long way towards it, and the matter was open to further consideration in the near future. Mr. F. W. Bates, J.P., also spoke. He was gratified at the reception accorded to the deputation (of which he was a member), and acknowledged the tribute that Dr. Addison paid to the panel chemists for the splendid way in which they had carried on with the work under the most trying conditions during the last four or five years. With regard to the assertion that the Scottish system of prescribing and dispensing is superior to the English one, he was confident that the forthcoming test would show practically no difference as regards the dispensing of prescriptions. English chemists have nothing to fear in that respect. The Ministry of Health, he was certain, are carrying out the test only to ensure fair treatment all round. The President then proposed the following resolution, which was carried unanimously:

That this meeting of panel chemists expresses its disappointment that the Ministry of Health has not conceded the full demand of a 50 per cent. increase. But having heard their delegates' report on the conference and the recommendation therefrom, also that the question of increased remuneration may be reopened not later than June 1920, this meeting decides to accept the offer as a provisional settlement.

Mr. J. C. Kidd proposed a vote of thanks to the four delegates to the conference, Messrs. Bates, Cleworth, Hershberg, and Nidd, for the splendid work they had accomplished, and it was carried with acclamation. Mr. J. Cleworth replied on behalf of the delegates, and emphasised the position of Manchester men in Insurance questions and politics, and said they, the panel chemists, ought to feel, as he was sure they did, very proud of the splendid work their representatives had accomplished.

Plymouth.—At a committee meeting of the Plymouth Association of Pharmacists held on January 9 the following officers were re-elected: Mr. J. D. Turney, *President*; Mr. A. J. Ancliffe, *Vice-President*; Mr. Marrow, *Treasurer*; Mr. A. Downing, *Secretary*; and Messrs. F. E. Turney and H. Vibert, *Auditors*. The Association has recently formed a Drug Traders' Association, and unqualified drug-store proprietors will be invited to become members. The proceeds from two socials held by the junior section, it was suggested, should be devoted to the formation of a tennis club. In conjunction with the Devon Association a sub-committee has compiled a scale of dispensing charges. Up to the present the Profiteering Act Sub-Committee has not had to render assistance, for no charges have yet been made against Plymouth chemists. The committee hope in the near future to secure more suitable premises as headquarters.

Pharmaceutical Society of Great Britain.

Council-meeting.

MEETING of the Council was held on January 8 at Bloomsbury Square, London, W.C. (A brief reference was made in last week's issue (p. 64) to the proceedings.) The chair was occupied by the President (Mr. W. L. Currie), and all the members were present, with the exception of the Vice-President (Mr. P. F. Russell), who was presiding over the examinations which were being held on the same day, and Messrs. Campkin, Lathercoat, and Skinner.

NEW-YEAR WISHES.

The PRESIDENT, in opening the proceedings, wished the members of the Council a happy and prosperous New Year. It was the sincere hope of all, he added, that the deep shadow which had been over them for the past year or five years had now disappeared for ever. (Hear, hear.)

CONGRATULATIONS TO PROFESSOR GREENISH.

The President remarked that he could not allow the opportunity to pass without tendering, on behalf of the Council and of the Society, their congratulations to the Dean of the School, Professor Greenish, upon the honour conferred upon him by the University of Paris in recognition of the valuable services he rendered during the year.

THE LATE SIR THOMAS FRASER.

The President next referred to the death of one of the most eminent of the Society's honorary members, Professor Sir Thomas Fraser, Honorary Physician to His Majesty in Scotland. He had been brought into personal touch with Sir Thomas on various occasions in connection with the Society's business as well as in relation to other matters, and had always found him to be a most delightful man to meet. He took an active interest in pharmaceutical education in Edinburgh, and no time had his services to be asked for in connection with anything that was calculated to promote or improve it.

The President concluded by proposing that a letter of condolence and sympathy with them on their bereavement be forwarded to the relatives. The resolution was adopted in silence.

ELECTIONS AND RESTORATIONS.

It was agreed that thirty-five persons be restored to the Society, that two be restored to the Register, that eighty be elected members, and that 423 be elected student-associates. The Secretary reported that since the last meeting there had been 658 registrations of apprentices or students.

Mr. PARRY inquired if the number of registrations of apprentices or students mentioned included all those who were entitled to avail themselves of the concession granted by the Council to demobilised men. The Secretary replied that the number included all the applications for registration granted since the date of the last monthly meeting, and also those granted at the special meeting of the Council held on December 31.

Mr. PARRY: Does the number include all the registrations, and is this the conclusion of the applications from former students?

The SECRETARY: No, Sir. The resolution passed by the Council in December was that these applications for registration could be received from soldiers not demobilised, and last night the Council, as you know, passed the resolution—

Mr. PARRY: That is not what I want to get at. I refer to the applications which came before the Committee and were dealt with. Are they all included up to December 31?

Mr. WHITE: Every application has been dealt with.

Mr. PARRY: I notice names omitted here of those from

whom applications were received and which ought to have been accepted.

After further discussion, it was suggested by the Secretary that Mr. Parry should bring the point he raised before the Committee at the next meeting.

FINANCE COMMITTEE.

The financial statement is summarised as follows: Receipts since the last meeting, including a balance of 578*l.* 1*s.* 9*d.*, amounted to 5,495*l.* 3*s.* 6*d.*, made up as follows: Deposit and interest, 1,008*l.* 3*s.* 6*d.*; penalties and costs, 121*l.* 2*s.* 10*d.*; "Journal" and publications, 3*l.* 14*s.* 1*d.*; registration-fees, 1,274*l.* 14*s.*; restoration-fee, 1*l.* 1*s.*; subscriptions, 1,802*l.* 5*s.*; school-fees, 27*l.* 6*s.* 2*d.*; Local Associations Executive Committee, 450*l.*; sundry sales, 36*l.* 11*s.* 1*d.*; dividends, 86*l.* 19*s.* 1*d.*; rent, 80*l.* 10*s.*; and certificates of qualification, 9*l.* After deducting payments amounting to 5,063*l.* 3*s.* 9*d.* authorised at the last meeting, there was a balance of 431*l.* 19*s.* 9*d.* The other balances were: Benevolent Fund (current account) (adverse), 420*l.* 19*s.* 3*d.*; Benevolent Fund (donation account), 366*l.* 13*s.* 3*d.*; War Auxiliary Benevolent Fund, 2,380*l.* 12*s.* 6*d.*; and Orphan Fund, 250*l.* 10*s.* 9*d.* The report of the Finance Committee recommended the payment of accounts and salaries amounting to 1,853*l.* 6*s.* 5*d.*, and that the action of the Secretary in making payment of various items of expenditure amounting to 551*l.* 12*s.* 7*d.* be approved.

The report was adopted.

LOCAL ASSOCIATIONS EXECUTIVE COMMITTEE.

The report of this Committee stated that the income from the Pharmaceutical Committees for the period November 1 to December 12, 1919, amounted to 1,143*l.* 14*s.* 1*d.*, and the expenditure to 943*l.* 0*s.* 9*d.* Among the accounts was one from the St. Clement's Press for 273*l.* 3*s.*, and it was recommended that this with one other should be paid. With reference to the Profiteering Act, the secretary reported that, in connection with an appeal against a decision of a Profiteering Committee, he had asked the Local Associations to send resolutions to the effect that the current retail price should be based on the current wholesale price, and not on the invoice price. A number had been received, and copies had been forwarded to the Chemists' Defence Association, Ltd., who were conducting the case. The Committee discussed the question of taking part in a deputation, in conjunction with the C.D.A., to the Board of Trade to make representations in support of the adoption of the current wholesale price as the basis for the retail price when inquiring into the charges of profiteering. A letter from the Liverpool Chemists' Association had been referred to the Committee by the Council submitting a resolution to the effect that, in the event of an attempt being made to amend the Profiteering Act, an endeavour should be made to have a clause inserted excluding the dispensing of medicines, on the ground that a dispensing charge is payable for skill and services rendered. The Committee recommended that the Liverpool Chemists' Association be informed that they accepted the resolution. Other matters dealt with in the report were the question of a uniform price-list for all the Associations, the status of managers of pharmacies in connection with the Hours of Employment (No. 2) Bill, the relation of the L.A.E. to employers, rural areas under the Insurance Act, and the Rats and Mice (Destruction) Act, 1919.

Mr. WOLFF asked for particulars of the item for printing amounting to 273*l.* 3*s.*, and was informed by Mr. Deakin that it was for the printing of the new rules. He then went on to say that the rules ought to have been submitted to the Council before they were sent to the printers.

Mr. DEAKIN replied that the alterations in the rules did not really involve any change in principle, but only in detail. He asked Mr. Wolff to accept that assurance.

The SECRETARY explained that where a matter of the sort involved a great deal of printing or circularising, it was for the Committee concerned to consider whether the whole of the material should be submitted to the Council for approval.

Mr. WOLFF said that he did not agree to what had been done. It meant they were simply glossing over the fact that the rules had been printed without having been seen by the members of the Council.

Mr. MALLINSON, in response to a request by the President, explained that the modifications were very slight.

The report was adopted.

BENEVOLENT FUND COMMITTEE.

The report of this Committee recommended the payment of various grants.

Mr. PARRY, in moving the adoption of the report, intimated that the time had arrived when the Council should appeal to the country for additional contributions to the Fund, to increase, if possible, the benefits which some of the recipients of grants received, in view of the greatly increased cost of living.

The report was adopted.

LIBRARY COMMITTEE.

The report of this Committee stated that a letter had been received from a member of the Society who had been on active service and passed the Major examination in July 1914, asking for permission to sit for the next Pereira medal and Council prizes competition. It was recommended that the application be not granted.

The DEAN reported that he had had application from the Belgian Universities for donations of scientific apparatus, books, and specimens. He was authorised to make a collection of such apparatus, etc.

The report was approved.

This was all the public business.

Examination Results.

THE following are the results of the Qualifying examinations held this month:

London.

Candidates examined	...	...	218
" passed in Part I.	...	...	36
" " Parts I. and II.	...	...	91

PART I.

The following have satisfied the examiners in Part I.:

Ackerman, M., Whitechapel.	Leonard, J. J., Maryport.
Barker, Leslie H., Birmingham.	Lipkin, Reuben, Oudtshoorn.
Baylis, W. A., Sparkbrook.	Morris, S. G., Trowbridge.
Butterfield, Tom, Wakefield.	Noot, Stanley A., Birmingham.
Cartwright, H. B., Ravens-	Oakes, Victor P. A., Walsall.
thorpe.	Owen, Tudor Bryant, Garnant.
Davis, E. C., Congleton.	Phillipson, W. E., Bamber Bdge.
Dennett, J. H., Rock Ferry.	Rees, Idwal, Clapham.
Egginton, W. J. N., Sedgley.	Rigby, J. B., Skelsmersdale.
Evans, S. G., Bath.	Ryley, Albert Eric, Hull.
Gardiner, H. W., Barrow/Fruss.	Savage, H. Nibbs, Bolton.
Goodison, Frank, Edgeley.	Shaw, Mark, Burslem.
Gorbutt, Ronald, Oldham.	Thompson, Edith B., Leeds.
Gordon, R. R., Clapham.	Walker, J. Harold, Liverpool.
Hall, Edward, Wigan.	Wild, Olive Ada, Preecot.
Hartley, Robert, Headingley.	Williams, R. H., Bristol.
Heap, Benjamin F., Earby.	Wright, W. D., West Bronwich.
Hughes, Elsie M., Poplar.	York, A. C. H., Wolverhampton.
Last, Harry, Barrow-in-Furness.	

PARTS I. AND II.

The following persons, having passed in both parts of the Qualifying examination, have been registered as chemists and druggists:

Alder, G. S. G., Bracknell.	Cohen, David, Johannesburg.
Allwood, J. W. S., Leicester.	Coope, S. C., Farnworth.
Ambery, James F., Bristol.	Crease, Kathleen L., Glaston-
Atherton, Samuel, Radcliffe.	bury.
Ball, William, Blackburn.	Critchley, Albert, Bolton.
Beech, Doris E., Ladywood.	Crook, Oscar, Halifax.
Bennett, Arnold, Sheffield.	Cuff, J. L., Winchester.
Best, Benjamin, Liverpool.	Davies, Florence G., Mold.
Biddle, L. T. R., Cheltenham.	Davies, George R., Derby.
Bodganor, Harry, Shoreditch.	Davies, Rupert G., St. Davids.
Boggiano, F. A., Liverpool.	Devcy, Jessie R. O., Erdington.
Caldwell, F. S., Manchester.	Dickinson, Ellen P., Preston.
Calvert, Edna R., Finchley.	Ellis, Arthur, Sheffield.
Caswell, Isabel M., Birmingham.	Elmitt, John G., Lincoln.
Chapman, Percy, Chesterfield.	Evans, Thomas C., Farnedale.
Chapman, Sydney, Cleethorpes.	Gaddes, Wm. B., Wallington.
Charnock, R. W., Lydiate.	Goodall, Wm., Cumberworth.
Childs, Winifred M., Birming-	Hamlin, S. F., Muswell Hill.
ham.	Harris, Wm. Charles, Clapham.
Chown, Harold J., Lymptstone.	Harvey, Ernest, Sparkbrook.

Hayne, Edward W., Hornsey.
 Haywood, Stanley, Bolton.
 Hill, Harold A., Southsea.
 Holloway, A. W., Kidderminster.
 Hornbrook, John, Morecambe.
 Jones, Charles F. T., Bath.
 Jones, Tom, Llanelli.
 Kebbell, C. G., Goodmayes.
 Kieldsen, Freida E., Buxton.
 Lewin, Albert Luff, Oxford.
 Lewis, Lewis David, Pentre.
 McCarthy, John Y., Blackburn.
 Malley, John, Manchester.
 Manson, Thomas H., Liverpool.
 Martin, Edgar J., Bristol.
 Mather, A., Ashton-in-Maker-
 field.
 Mead, Samuel, Haslingden.
 Moores, Charles L., Moseley.
 Morgan, C. W. P., Manor Park.
 Northend, Ernest, Sheffield.
 Parkinson, C., St. Annes-on-Sea.
 Parr, L. W., Stoke-on-Trent.
 Paterson, James, Willesden.
 Polglase, W. P. V., Penzance.
 Pope, Sidney J., Folkestone.
 Potts, R. A., New Brighton.
 Price, T. C., Pontygrwaith.

Richards, Ifor L., Porth.
 Shepherd, E. L., Littleborough.
 Sidebotham, H., Stanningley.
 Smallwood, Bertram, Redcar.
 Smith, Hilda, Harrogate.
 Smith, John S., Shipley.
 Smith, Wm. A., Liverpool.
 Southerton, A. E., Birmingham.
 Speakman, E. G., Cambridge.
 Taylor, Dixon, Halifax.
 Taylor, Frank L., East Dulwich.
 Thomas, David R., Oxford.
 Thomas, G. A., Liverpool.
 Trick, Dorothy, Mumbles.
 Tyson, Marjorie, Barrow-
 Furness.
 Walter, Harold L., Bassett.
 Wasdell, Sarah, Old Hill.
 Waters, R. J., Maidstone.
 Watt, Winifred I. M., Arbroath.
 Wells, Cecil P., Clapton.
 Wells, Frederick H., Bristol.
 West, Arthur, Buxton.
 Westbrook, Margaret R., Stoe-
 port.
 Westmoreland, R., Golar.
 Whiteley, Doris, Newton Heat.
 Wood, Lionel G., Northwich.

Edinburgh.

Candidates examined	...	...	85
" passed in Part I.	...	...	16
" " Parts I. and II.	...	...	48

PART I.

The following have satisfied the examiners in Part I:

Adams, William, Glasgow.	Reid, Angus M., Glasgow.
Angus, James H., Glasgow.	Rose, Elizabeth F., Hawick.
Brunton, John G. G., Glasgow.	Smith, Donald, Glasgow.
Crowden, David L., Edinburgh.	Smith, William, Cumbernauld.
Downie, George S., Aberdeen.	Wallace, Wm. D., Glasgow.
Erasmson, J. W., Glasgow.	Waller, Robert H., Glasgow.
Fraser, R. S., Bucksburn.	Watson, W. S., Edinburgh.
Mills, James, Manchester.	Whitchead, John, Glasgow.

PARTS I. AND II.

The following persons, having passed in both parts of the Qualifying examination, have been registered as chemists and druggists:

Brownlie, William, Rothesay.	Hunter, James, Almondbank
Armstrong, Thomas, Bellshill.	Perth.
Bell, Robert Alfred, Ayr.	Johnston, W. C., Tillycultry
Bisset, James, Burntisland.	Jones, Edward W., Prestatyn.
Cameron, William, Oban.	Lamb, Alex. M., Kirriemuir.
Cappell, Robert S., Glasgow.	Lyall, David W., Grangemouth.
Carmichael, Alexander, Dundee.	Lyle, John, Burntisland.
Carmichael, James, Largs.	McDavid, W. D., Glasgow.
Conroy, G. W., Newcastle-on-	Mann, Joseph H., Wigton.
Tyne.	Midgeley, Harry, Leeds.
Cruikshank, G. E., Keith.	Nicolson, Robert, Glasgow.
Dinning, John, South Shields.	Oliphant, Jessie, West Kilbride.
Dollar, Robert, Grangemouth.	Roberts, Hilda, Harrogate.
Dufton, Robt. B., Stonehaven.	Scott, David, Glasgow.
Dunearn, David, Glasgow.	Shields, Peter, Glasgow.
Elsworth, Alice W., Doncaster.	Sidcy, G. M., Berwick-on-Tweed.
Fraser, Elizabeth M., Glasgow.	Simpson, Henry S., Pudsey.
Gallantry, Tom B., Harrogate.	Singer, Frederick A., Glasgow.
Garnett, Mary, Sunderland.	Stuart, Edward, Kircaldy.
Gill, James S., Aberdeen.	Turnbull, D. M., Aberdeen.
Gow, James, Strichen.	Twigg, Margaret, Hull.
Hall, Richard, Rutherglen.	Wallace, Hugh, Clydebank.
Hamilton, Peter, Alva.	Williamson, Henry, Bedale.
Hinde, Harold, Whitehaven.	Wotherspoon, John, Glasgow.
Hood, James, Dalry, Ayrshire.	Young, George A., Barneley.

PALM-KERNEL DUTIES.—The export duty on palm kernels from Nigeria remains at 22s. 6d. per ton until February 1, when it becomes 2l. per ton. An export duty on palm-kernel oil has been imposed at the rate of 2l. per ton as from December 22, 1919, and this duty will be increased to 3l. per ton on February 1, 1920. The figures given in last week's *C. & D.* (p. 73) were incorrect, owing to a mistake in the transmission of the telegram from the Governor of Nigeria.

The production of honey in England, states the "Birmingham Daily Post," has seriously decreased, owing to the ravages of the Isle of Wight disease among bees; and this condition of things has diminished the fruit crops, because of the non-fertilisation of blossom. Experiments in Kent and elsewhere have proved that hybrid Dutch and Italian bees possess a high measure of resistance to the disease, and the Board of Agriculture has purchased 268 skeps of the former and 700 Italian queens for distribution, the latter at a price of 30s. each.

Festivities.

Liverpool Chemists' Social Evening.

second half of the winter session of the Liverpool Chemists' Association was opened with a successful social evening, which took the form of a whist-drive and concluded at the Royal Institution on January 7.

Southport Chemists' Benevolence.

THE Southport Chemists' Association held a social evening at the Queen's Hotel, Promenade, on January 13. Among the guests was Mr. L. Moreton Parry (Liverpool). After hearing him speak on the work of the Benevolent Fund, a collection was taken. Mr. John H. Robinson and others also spoke briefly, and a musical programme in high order was appreciated.

May, Roberts' Fancy-dress Ball.

THE STAFF of May, Roberts & Co., Ltd., druggists, sunmen, Clerkenwell, London, spent a very pleasant evening at the Northampton Institute, St. John Street, on January 10. The programme consisted of a fancy-dress ball interspersed with musical items provided by members of the staff. On this occasion visitors were invited and the number present exceeded 200. Several prizes were awarded, among the judges being Sir William and Lady Glyn-Jones. The costumes of the dresses were most original in design and secured much amusement.

Glasgow Pharmacy Athletic Club.

THE Athletic Club of the Glasgow and West of Scotland Chemists' Association held a successful whist-drive at the Association's house, 165 Hill Street, on January 6. Geo. Mackay (Hon. President) occupied the chair, and the prizes, provided on this occasion by the club, were presented by Mrs. Abbott. The winners were: Ladies, (1) Mrs. Wood Wilson, (2) Miss Lorrimer; Gentlemen, (1) Mr. Murchie, (2) Mr. Grant. An excellent programme of music and elocution followed, the artistes being Miss Gourlay, Miss Lindsay, and Mr. Bain.

Employés Entertain Directors.

THE EMPLOYÉS of Paine & Co., Ltd. (malt extract manufacturers) gave a complimentary New Year's supper to the directors of the company at the Public Rooms, St. Neots, on January 9. An excellent meal was disposed of and a musical programme followed. After the loyal toast, the 11th of the directors was proposed by Mr. A. Pearson, who explained, in the course of his speech, that the heads of the various departments gave the dinner to the directors because they wanted it to be a sort of "Thank you" for the great kindness the directors had shown to the men who served in the war. Other toasts followed throughout what was considered a most successful evening.

A Staff Presentation.

A PRESENTATION which testified strikingly to the popularity of the recipient took place on January 10 in the board-room of C. R. Harker, Stagg & Morgan, Ltd., wholesale druggists, Devon Wharf, Mile End, London. E. Harker's presentation was made to Mrs. A. L. Lamb, who was leaving the employment of the company. Mrs. Lamb had served the service of the company when the business was at Laurence Pountney Lane, in the City, and left when she got married. To assist during the staff shortage occasioned by the war Mrs. Lamb returned to the office, and now, on leaving again, was presented by the staff with a silver rose-bowl, suitably inscribed, and a silver trainet. Mr. H. W. Harrie made the presentation, and spoke of Mrs. Lamb's great popularity with the staff.

A Western Dance.

So far as we can gather, the pioneer dance of the season among London chemists was held under the auspices of the Western Chemists' Association at the Midland Hotel, Pancras, on Wednesday evening, January 14. Seeing that it seems impracticable at the moment to revive the ancient glories of the chemists' ball and the junior phar-

macy ball, the essay of the Western chemists proved a very good second indeed. About a hundred were present, and the evening went with a go and a swing right from the start to the finish. Among the better-known personalities who were present we observed Mr. and Mrs. H. S. Watson, Mr. and Mrs. H. R. Procter and Miss Procter, Mr. and Mrs. Lionel Cooper and Miss Cooper, Mr. and Mrs. Vivian C. Hewlett, Mr. and Mrs. B. R. Wilkinson, Mr. and Mrs. C. T. Allen, Mr. and Mrs. E. Beaton, and Mr. and Mrs. A. B. Britton. The committee were wise in avoiding an entire programme of fox-trots and one-steps, thus giving an opportunity to the ordinary dancer who prefers the perennial waltz and Lancers. A great deal of the credit for the success of the evening is due to the genial and unremitting efforts of the President, Mr. H. S. Watson, and the secretaries, Messrs. B. R. Wilkinson and H. Martin.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration. See "The Chemist and Druggist Diary" 1920, p. 308.

(From "The Trade-marks Journal," December 24, 1919.)

- "OTECMA BRAND NASAL CATARRH REMEDY"; for a catarrh remedy (3). By W. H. Shippobottom, 93C Brackley Street, Farnworth, Bolton. 395,891.
- "PERCOGENE BRAND MEDICATED WADDING"; for medicated wadding (3). By Perco, Ltd., 12-14 Underwood Street, City Road, London, N. 1. 396,246. (Associated.)
- "ANGLODOL"; for medicinal chemicals (3). By Anglodol, Ltd., 98 Wigmore Street, London, W. 1. 396,264. (Associated.)
- "GLASIGEN"; for scientific instruments, etc. (8). By A. W. Brown, 16 Whitehall Park Road, Gunnersbury, London, W. 4. 396,371.
- "KIRERO" on device of eye and star for spectacles (8). By Kirk Bros., 36 Gray's Inn Road, London, W.C. 1. 396,530.
- "ENESCO BRAND NORTHERN SUNDRIES COMPANY" on shell-shaped device of girl ("Enesco" disclaimed); for food substances (42). By the Northern Sundries Co., 70 City Road, Manchester. 394,794. (Associated.)
- "BETTY"; for food substances (42). By the Foreign Trade Corporation, Ltd., 9 Clifford Street, London, W. 1. 396,777.
- "PEPSO"; for essences, etc. (43). By Stevenson & Howell, Ltd., 95A Southwark Street, London, S.E. 1. 396,984.
- "GOLDEN FALCON"; for mineral waters, etc. (44). By Mair & Dougall, Ltd., 35-41 Annfield Street, Glasgow. 396,515. (Associated.)
- "SCOTIA'S PRIDE, JAMES MELLIS & Co.," and facsimile signature ("Scotia's Pride" disclaimed); for all goods (47). By J. Mellis & Co., High Street, Prestonpans, Scotland. 395,314. (Associated.)
- "TORO"; for goods (47 and 48). By Toro Tablet Co., Ltd., 95 Station Street, Birmingham. 395,690/1. (Associated.)
- "FUMS UP" and "THUMBS UP"; for goods (47), and for perfumery, etc. (48). By J. G. Hamley, 86 and 81 High Holborn, London, W.C. 1. 396,380/1 (associated); 396,387/8. (Associated.)
- "L B W" and device of cricket wicket; for all goods (47). By L. B. Williams, 57 Hope Street, Glasgow. 397,220.
- "GERMOLINE"; for toilet preparations (48). By Mary Veno, "Racehill," Dunham Road, Bowdon, Cheshire. 392,999. (Associated.)
- "PEARLONE BRAND TOILET PREPARATIONS FOR THE TEETH"; for teeth preparations (48). By Jewsbury & Brown, Ardwick Green North, Manchester. 394,355. (Associated.)
- "NITA"; for perfumery, etc. (48). By C. Midgley, Ltd., 5 Mayes Street, Manchester. 395,152.
- "MEERIE ENGLAND"; for English lavender water (48). By Van Oppen, Ross & Ind, Ltd., 38 Basinghall Street, London, E.C. 2. 395,320.
- Device of cut diamond; for perfumery, etc. (48). By the Standard Tablet Co., Ltd., Hove, Sussex. 395,399.
- "DORLIA"; for all goods (48). By A. M. Evans, 154 Church Lane, Harpurhey, Manchester. 395,452. (Associated.)
- "SOAKOL"; for perfumery, etc. (48), and for polishes, etc. (50). By C. Thomas & Bros., Ltd., Broad Plain Soap Works, Bristol. 395,822/3. (Associated.)
- "NESTOL"; for hair preparations (48). By C. Nestlé & Co., Ltd., 48 South Molton Street, London, W. 1. 395,846.

Trade Report.

42 Cannon Street, E.C. 4, Jan. 15.

ALTHOUGH a somewhat quieter tone has been evident this week in the chemical and drug markets, it applies more to the home trade. Prices, however, as will be seen from our table below, are still on the upward trend, and are likely to remain so until the export demand is of less dimensions. In the pharmaceutical chemical group, aspirin is dearer, and the salicylates are very firm. Potash bromide has arrived freely from Germany, and there are also better supplies of sodium and ammonium, prices remaining steady. Cream of tartar is very scarce, and likely to advance further. Potash permanganate, amidopyrin, formaldehyde, paraldehyde, and phenazone are all scarce, and in some instances dealers ask more money. Benzonaphthol and methylsulphonai are cheaper. Among drugs there has been a sharp rise in ipecacuanha, the stocks of which are very small. Tinnevely senna is also dearer, and no relief from the present high prices is expected for some time yet. Menthol seems unsettled, with an occasional weak holder. Japanese oil of mint and refined camphor are quiet; essential camphor oil is scarce and dearer, as is Japanese vegetable-wax. Higher prices are asked in several instances for French lavender, spike, and thyme oils. Lemon on the spot can be had at previous prices, as competition is keen, but there is a strong endeavour to force up values to nearer the Sicilian level. Among spices, peppers have been firmer, particularly black; higher prices have been paid for Japanese ginger, and Cochin and Calicut have sold more freely; Jamaica is steady. Cloves are quiet, and cheaper prices are anticipated for arrowroot. Other changes include a further substantial advance in shellac and turpentine. Antimony has sharply advanced.

Higher	Firmer	Easier	Lower
Aloes (Cape)	Anise oil, star	Camphor (Jp.	Anatto-seed
Antimony	Coconut oil	slabs)	Benzonaphthol
Aspirin	Cream of tartar	Menthol	Cardamoms
Balsam tolu	Farina	Mint oil (Jp.)	Lactic acid
Camphor oil	Gentian		Mace
(white)	Ginger (Jp.)		Methyl
Cassia fistula	Pepper		sulphonai
Chillies	Wax, paraffin		Nutmegs
Croosote carb.	Wax, veget.		
Dragon's blood	(Jp.)		
Honey			
Ipecacuanha			
Lead compounds			
Linseed oil			
Lemon oil			
Lavender oil (Fr.)			
Pot. permang.			
Sarsaparilla (grey			
and native)			
Shellac			
Spike oil (Fr.)			
Thyme oil (Fr.)			
Turpentine			

ALBUMEN is firm, prime Chinese egg offering at 5s. 5d. per lb. on the spot and afloat, and January-February shipment at 5s. 6d. c.i.f.

AMIDOPYRIN continues scarce, a limited quantity offering at 60s. per lb. on the spot.

ANISE is scarce, and is quoted nominally 80s. per cwt. for Russian and 97s. 6d. for Spanish.

ANISE OIL, STAR, is quiet, with spot sellers of "Red Ship" brand at 5s. 10½d. per lb.

ANTIMONY.—The further advance which has taken place this week is quite in keeping with the much firmer conditions operating in regard to the importation of new supplies from the Far East, while the Government stocks are still falling. The latter as returned under December 31 showed a reduction of 175 tons to 2,775 tons for regulus. English is 3l. dearer, and ranges from 63l. to 66l. Terms for foreign to arrive stand at about 58l. to 60l. c.i.f. to arrive. A certain quantity was recently in dealers' hands, offering at around 58l., but this has now been absorbed by smelters. Chinese is very scarce, and c.i.f. terms are quite nominal at upwards of 52l. per ton.

ARROWROOT sells slowly, as, owing to the accumulation of stocks, a reduction in price is anticipated.

ARSENIC is firm with a fair demand, offerings of Cornish white powder being restricted at around 67l. per ton delivered London. Imports are light.

ASPIRIN is still tending higher, and for large quantities 5s. 3d. has been paid, some asking 5s. 6d. per lb.

BALSAM PERU.—Spot holders ask 25s. per lb.

BELLADONNA-ROOT.—English (0.46) is offered at 2s. 6d. per lb. on the spot.

BENZONAPHTHOL is cheaper at from 20s. to 21s. per lb.

BERGAMOT OIL.—The demand (says a Palermo report of January 3) continues to be fairly active, although only for small quantities. In sympathy with the firmness of all citrus fruit oils, prices have advanced, and there are ready buyers for whatever parcels comes on to the market. The spot (London) price is 21s. to 21s. 6d. per lb.

BROMIDES.—Potash has arrived from Germany rather freely, including a lot of 10 tons, with dealers offering P.G. crystals at 4s. per lb. British and American crystals are selling at 4s. 6d., and powder at 4s. 3d.; ammon. is 4s. to 4s. 6d., and 4s. 9d. c.i.f. to arrive; soda is 4s. 6d. and 4s. 3d. c.i.f. to arrive.

BUCHU.—The exports from the Union of South Africa during September were nil. During the nine months ended September 30, 1919, the exports were 125,040 lb. (29,327l.), against 89,675 lb. (16,948l.) for the corresponding period of 1918.

CADMIUM is steady, with a moderate inquiry at 6s. 6d. to 6s. 9d. per lb.

CAJUPUT OIL is quoted at from 4s. 3d. to 4s. 6d. per lb. on the spot as to holder and quantity.

CALCIUM LACTATE is quoted at from 8s. to 8s. 6d. per lb. on the spot as to seller, and at 8s. for forward delivery.

CAMPHOR OIL.—White essential Japanese is scarce and dearer at 160s. per cwt. on the spot. In the drug auction 100 cases of Japanese white were held at 165s.

The exports from Japan during October 1919 amounted to 492,385 kin, valued at 178,265 yen. During the ten months ended October 31 they were as follows:

	1917	1918	1919
Kin ...	1,564,448	1,101,958	992,610
Yen ...	289,145	291,953	297,018

CAMPHOR (SYNTHETIC).—An arrival valued at 5,000l. has recently taken place *via* Holland.

CANARY-SEED is quiet, but unchanged at 215s. to 227s. 6d. per quarter for ordinary to good Morocco. Turkish is quoted 200s. to 210s.

CANTHARIDES.—Russian are firm, good bright flies offering at 14s. 6d. per lb. on the spot.

CARAWAY-SEED is slow of sale at 51s. 6d. per cwt. for Dutch.

CASCARA SAGRADA.—The landings in London during December were nil, and the deliveries were 2 tons. The stock at the end of December was 88 tons, against 23 tons; the landings during the whole of 1919 were 163 tons and the deliveries 98 tons. Spot bark is 105s.

CITRIC ACID meets with a better export inquiry, and the price is inclined to be firmer.

CLOVES have been steady, with spot sales of fair Zanzibar at 2s. 4½d. per lb. Penang are practically unobtainable. The receipts in Zanzibar from July-December 1919 were 42,250 bales only, against 105,450 for the corresponding period of 1918.

COLCHICUM CORM is offered at 3s. 9d. per lb. on the spot.

COPPER SULPHATE.—The tendency is upward, but there is not much doing, although merchants are buyers of limited quantities destined for export. The Liverpool f.o.b. quotation is generally 43l., although some makers are asking a little more.

CORIANDER-SEED is in good demand at 19s. to 19s. 6d. per cwt., according to quantity, for fair Morocco. Owing to a printer's error the 1918 crop of Morocco was quoted at 17s. 6d., instead of 19s. 6d. per cwt., in last week's issue.

CREAM OF TARTAR.—The inability of French, Italian, and Spanish makers to give delivery leaves this market very bare, and the price is very firm at fully 285s. per cwt. for 98 to 99 per cent. powdered.

CREOSOTE CARBONATE is rather dearer at about 33s. per lb. CUMIN-SEED is steady, with holders asking 47s. 6d. to 48s. per cwt. for good sifted Morocco.

DILL-SEED has been sold at 17s. per cwt.

ERGOT.—From Spain this week 29s. 6d. per lb. f.o.b. Barcelona has been quoted, and on the spot 27s. 6d. is asked. Nothing offered at auction, except four bags of 50 lb. for which 4½d. per lb. was paid.

EUCALYPTUS OIL.—B.P. quality is steady at 3s. 6d. per lb. on the spot. In auction 130 cases (77 per cent.) were held at 3s. 3d. Forty cases of 70 to 71 per cent. held at from 3s. 3d. to 3s. 4d. per lb.

FARINA is steady, with spot sales of No. 1 Japanese at 3s. 6d. and January-March shipment at 38s. 6d. c.i.f.; sweet potato flour on the spot is 33s., and January-March shipment 32s. c.i.f.

FENNEL-SEED is steady at 36s. 6d. per cwt. for fair quality.

FENUGREEK-SEED sells steadily at 16s. per cwt. for fair Morocco.

GENTIAN.—Nothing offered at auction. Spot holders have been recently selling at 65s. per cwt., but about 60s. now the value.

GINGER.—Japanese on the spot has been sold at 62s. 6d. per cwt., being 2s. 6d. better. Jamaica is steady, with fair export demand for U.S.A., but the home consumption is small. Rather firmer prices have been paid for Cochinchina and Calicut on more inquiry.

GUAIACOL CARBONATE is quoted at 30s. per lb. on the spot.

HEXAMINE remains firm at from about 11s. 9d. to 12s. per lb. on the spot.

HYDRASTIS remains firm on the spot, with small stocks at about 37s. 6d. per lb.

JALAP.—We notice the arrival of 1,340 lb. worth from Germany, also 650 lb. worth from the U.S.A.

LEAD COMPOUNDS.—The position of the market continues tight, sellers being well booked for a long period and deliveries are in arrears. Late last week prices were advanced by another 2d. to 2½d. 15s. a ton, standing thus: Dry white lead, 68½s.; ground white lead in oil, 8½s.; red lead and litharge, 66½s. to 67½s. a ton, according to quantity, for the home trade and export. Prices have presumably about seen their best, while reactionary conditions have set in in raw material. At the very high terms ruling, the progress of consumption may be to some extent held up.

LEMON OIL.—Following on the primary markets, spot holders are asking more money, but there are ample supplies available here, and good brands can be bought at from 6s. 6d. to 7s. per lb., although up to 8s. 6d. is asked for some.

A Palermo advice, dated January 3, states that business has been practically at a standstill during the past week owing to the holidays. However, the feeling that prevails is very strong; sellers are very reserved and the position is altogether strained. The pressing of the new lemons has only just begun, and new-crop goods come on the market in very small quantities. This encourages holders in their "bullish" ideas, and gives them a good opportunity of asking higher prices. The fact that during December the production has been practically nil is a feature which will certainly have an influence on the further development of the market.

LINSEED.—Good quality is quoted 47s. 6d. to 50s. per cwt.

MACE.—At auction 264 packages West Indian sold at easier rates, including good palish at 1s. 8d. to 1s. 10d.; reddish to fair, 1s. 5d. to 1s. 7d.; dark, 1s. 1d. to 1s. 2d.; broken, 9d. to 1s.

METHYL SULPHONAL is cheaper at from 52s. 6d. to 55s. per lb. on the spot.

MINT OIL.—Japanese dementholised has been quiet, with spot sellers at Kobayashi-Suzuki at 16s. 9d. per lb.

The exports from Japan during October 1919 amounted to 32,799 kin, valued at 134,615 yen. During the ten months ended October 31 they were as follows:

	1917	1918	1919
Kin ...	193,624	150,537	361,433
Yen ...	440,139	345,319	1,107,814

MENTHOL.—Last week the market closed with spot sales of Kobayashi-Suzuki at 75s., but with quiet demand 72s. 6d. has been accepted this week. Spot stocks are small, and the future is quite uncertain.

The exports from Japan during October 1919 amounted to 22,171 kin, valued at 227,174 yen. During the ten months ended October 31 they were as follows:

	1917	1918	1919
To	Kin	Kin	Kin
British India ...	10,784	16,146	7,222
Great Britain ...	49,260	113,154	50,515
United States ...	144,116	66,802	145,157
Other Countries ...	17,678	21,674	10,354
Kin ...	221,838	217,776	213,248
Yen ...	1,417,424	1,368,085	2,102,537

NUTMEGS.—At auction 894 packages West Indian sold at a reduction of 2d. to 3d. per lb.

OLIVE OIL.—Finest cream edible Italian oil is quoted at 19s. 6d. per gallon in barrels.

OPIMUM.—A Smyrna advice, dated December 27, states that "the sales this week on our market amount to 74 cases at 800 to 900 piastres per oke, which is equivalent to 15s. 6d. to 21s. 6d. per lb. c.i.f. Yesterday evening, however, we learn of a private sale effected for 15 cases Karahissar qualities; the prices paid we do not know, but they cannot be under 19s. to 20s. per lb. The exchange dropped a bit—viz., Ps. 370 per pound sterling for cheque and \$1.05 cheque for one Turkish paper pound. The arrivals to date are 1,251 cases, against 95 at same date last year."

ORANGE OIL.—Although the demand has not been very active during the last few days (says a Palermo report of January 3), the supply is very scarce, and the tendency is very firm, prices in Italian currency having advanced still further.

PARALDEHYDE is scarce, with sellers of small lots on the spot at 8s. per lb., and slightly less to come forward.

PEPPER is firmer, with spot sales of fair black Singapore at from 11½d. to 11¾d. January-March and February-April shipments have been sold at from 11½d. to 11¾d. per lb. c.i.f. Lampong has been done at 10¾d., also Tellicherry at 1s. 1½d., and Aleppy at 11¼d., all spot. White pepper is also firmer, the sales including Muntok at 1s. 5¾d., and January-March shipment at 1s. 5¼d. c.i.f. Singapore is 1s. 5¼d. on the spot, and January-March shipment 1s. 4½d. c.i.f.

PETROLEUM is firm, American refined water-white offering at 1s. 9¾d., prime white at 1s. 9¼d., and standard white 1s. 8¾d. per gal.

PHENAZONE meets with a good inquiry, and is scarce on the spot at from 24s. to 25s., and to arrive 23s. is quoted.

POTASH PERMANGANATE.—The scarcity is somewhat acute, and English makers are behindhand with their deliveries. Probably 4s. 6d. to 5s. would have to be paid on the spot.

QUICKSILVER is nominal at from 23½d. to 23½d. 10s., second-hands quoting 22½d.

QUININE.—The first-hand quotation for sulphate in bulk is 3s. 10d. per oz. in 1,000-oz. lots, and 4s. for 500 oz. Smaller lots from wholesale druggists are, of course, charged at the higher rates of from 4s. 5d. to 4s. 8d. per oz., according to package and quantity, and not at the prices quoted last week.

QUININE ETHYL CARB. is offered at 8s. 9d. per oz.

SACCHARIN meets with a fair demand, particularly for export, at 25s. per lb. in bond.

SALICYLATES remain very firm at last week's advance, salicylic-acid powder being fully worth 3s. 3d., and sodium-salicylate powder 4s. per lb.

SENEGAL.—Spot price is very firm at 11s. 6d. A large business has been done in America, where \$2.50 is asked, which, at the present rate of exchange, is equal to about 13s. 6d. laid down here. The demand (including home and export) this winter has been unusually large. The *Invincible*, from New York, has brought 53 bales.

SHELLAC.—The reaction which we noted in our last report was of short duration, as before the week closed a further substantial advance was recorded. The spot sales include usual standard TN Orange quality at from 830s. to 890s.

to 880s.; AC cakey at from 640s. to 700s.; and GAL 620s. to 680s. TN for March delivery has been sold at from 815s. to 915s. to 880s., and May 805s. to 900s. to 880s. The Calcutta shipments during the second half of December were 1,200 cwt. to U.K., 900 cwt. to the Continent, and 400 cwt. to U.S.A.

SODA BICARBONATE.—Only small orders are being taken by the makers, and there is considerable difficulty in delivery.

TAMARINDS are steady, fair West Indian offering at 52s. per cwt. duty paid, but for East Indian in barrels 56s. is wanted.

TARAXACUM.—English dry is offered at 100s. per cwt. gross f.o.r. net.

TARTARIC ACID is firm at from 3s. 4d. to 3s. 5d. per lb. on the spot.

THYMOL IODIDE is quoted at 24s. per lb. on the spot.

TURPENTINE.—There has been another furious rise in turpentine prices to well over 190s. to 195s. per cwt. for near deliveries, the supply of which is becoming more restricted in consequence of the light receipts from the U.S.A. Dealers who were recently disposed to take orders at a good discount for summer deliveries do not seem quite so keen to increase their commitments. The needs of makers of decorating materials are large, and there is not much doubt that the scarcity of the product will become more marked in the near future.

VANILLIN is quiet at from about 79s. to 80s. per lb.

WAX, PARAFFIN.—Spot supplies are diminishing; prices range from 6½d. to 9½d. per lb., according to melting point.

WAX, VEGETABLE.—Japanese is dearer, with spot sales at from 93s. to 96s. per cwt.

London Drug-auctions.

*London Commercial Sale Rooms,
Mincing Lane, E.C. 3, January 15.*

The auctions were resumed to-day after an interval of eight weeks, when quantities considerably in excess of buyers' requirements were offered. The demand, on the whole however, was fairly good on both home and export account. Cape aloes is scarce and dearer. Sumatra benzoin met with a fair demand at steady rates, but Palembang was rather dearer. A considerable quantity of cardamoms offered, but the demand was poor and irregular, prices being easier. Calumba was in large supply and neglected. Cassia fistula being scarce, again brought higher rates. Gamboge is quiet but firm. Honey was dearer where sold. Jamaica, owing to the sugar shortage, was held for an advance of 12s. 6d., and a considerable quantity of San Domingo was withdrawn. Matto Grosso ipecacuanha was about 2s. 6d. per lb. higher than the previous public sale, and 6d. to 9d. dearer than the prices paid privately. Kola was about steady; the quality of the myrrh offered was commoner than usual, only one lot of Aden sorts being offered. Maltese orange-peel was in fair demand at about steady rates. Chinese rhubarb was quiet, buyers paying the present inflated prices with reluctance. Native Jamaica sarsaparilla was offered in limited quantity, and prices rose from 3d. to 6d. per lb., while genuine grey Jamaica advanced 6d. to 9d. on previous auction. Tinnevely senna sold at firm rates compared with the previous public sales, and a fair quantity was disposed of after the auction. Beeswax was quiet, buyers having filled their wants privately. The following table shows the quantity of goods offered and sold, the figures representing the original packages catalogued, whether offered or not:

	Offered	Sold		Offered	Sold
Ajowan-seed ...	65	0	Balsam Peru ...	1	0
Albumen ... (cs.)	1	0	Balsam tolu ...	19	*4
Alkanet-root (gr.) cwt.	1	0	Bayberry-bark...	1	1
Almonds... (bxs.)	150	0	Benzoin—		
Aloes—			Palembang ...	67	16
Cape ... (cs.)	73	16	Siam ...	6	2
Curacao ... (cs.)	38	0	Sumatra ...	287	69
Anise, star ...	50	50	Calumba... ..	1522	*22
Anise oil, star ...	20	0	Camphor oil ...	100	0
Annatto-seed ...	430	282	Canella alba. ...	3	0
Apricots ... (cs.)	230	20	Cannab. ind. ...	44	0
Areca ...	310	0	Cardamoms ...	1408	85
Argol (Cape) ...	74	0	Cascara sagrada	125	0
			Cascarilla ...	12	0

* Sold privately.

	Offered	Sold		Offered	Sold
Cascia ...	200	0	Minas... ..	11	0
Cassia fistula ...	10	10	Matto Grosso ...	22	0
Cassia oil ...	10	0	Jalap ...	33	0
Castor-seed ...	37	0	Kola ...	611	0
Celery-seed ...	73	0	Lavender flowers	42	0
Cevadilla-seed ...	100	0	Lime oil... ..	10	0
Chamomiles ... (cwt.)	35	0	Liquorice-juice ...	10	0
" (pkgs.)	19	0	Marjoram ...	17	0
China-root ...	8	0	Mastic ...	12	0
Cimicifuga ...	6	0	Mint creams (Amer.)	800	0
Cinchona ...	55	18	" (Jap.)	5	0
Coca-leaves ...	26	16	Mint oil ...	168	0
Cochineal ...	37	0	Myrrh ...	73	0
Cod-liver oil ... (Nor.)	10	0	Nux vomica ...	203	0
Colchicum-root ...	8	0	Oilbanum ...	3	0
Colchicum-seed ...	3	0	Orange-oil ...	166	0
Colocynth ...	16	3	Orange-peel ...	2.5	0
Condurango ...	119	0	Orris ...	18	0
Copaiba... ..	30	0	Papain ...	640	0
Cream of tartar (kgs.)	10	0	Peaches, canned (cs.)	270	0
Croton-seed ...	40	0	Pears, canned ... (cs.)	270	0
Cubebs ...	50	0	Peppermint oil (Eng)	26	0
Cuttlefish-bone	130	0	" bott.	4	0
Damiana-leaves ...	11	0	Petroleum jelly ...	2	0
Digitalis-leaves ...	18	0	Quince seed ...	2	0
Dill seed... ..	203	0	Rhapontica-root ...	97	0
Dragon's-blood ...	43	0	Rhatany... ..	1	0
Egg, dried whole ...	6	0	Rhubarb (Ch.) ...	67	0
Eiecampagne-root ...	2	2	Saffron ... (tins)	26	0
Ergot (dust) ... (bgs.)	4	4	Sarsaparilla—		
Eucalyptus oil... ..	246	40	Grey Jamaica ...	48	0
Euphorbia gum ...	120	0	Lima ...	75	0
Euphorbia pil... ..	13	0	Mexican ...	20	0
Fennel-seed ...	52	0	Native Jam. ...	52	0
Filberts (Levant) ...	272	0	Scammony ... (tins)	2	0
Galangal ...	46	0	Scopolia root ...	89	0
Galls ...	46	6	Senega ...	7	0
Gamboge ...	25	2	Senna and pods—		
Guaiaacum ...	102	0	Alex. ...	114	0
Guarana ...	8	0	Tinnevely ...	760	0
Guinea grains ...	4	0	Soap-nuts ...	170	0
Gum acacia ...	73	33	Squill ...	296	0
Gum karaya ...	104	0	Strophanthus ...	35	0
Gurjun oil ...	58	0	Tamarinds—		
Heubane (Egy.) ...	5	0	East Indian ...	221	0
Honey—			West Indian... ..	39	0
Australian ...	747	239	Tonka beans ...	10	0
Californian ...	918	200	Tragacanth ...	44	0
Cuban... ..	56	56	Turmeric ...	968	0
Dominican ...	3	3	Valerian ...	14	0
Honolulu ...	50	50	Wax (bees)—		
Jamaica ...	725	30	Abyssinian ...	302	0
New Zealand ...	91	0	East African... ..	701	0
St. Lucia' ...	12	4	East Indian... ..	139	0
Salvador ... (drms.)	10	0	Jamaica ...	8	0
San Domingo ...	436	217	Morocco ...	105	0
Ignatius beans ...	20	0	Mozambique ...	225	0
Lusset flowers ...	1	0	West Indian... ..	3	0
Ipecacuanha—			Zanzibar ...	44	0
Bahia ...	5	0	Wax, carauaba ...	83	0
Cartagena ...	11	1	Wax, caudilla ...	23	0
Johore ...	5	0	Witch-hazel-leaves	7	0

* Sold privately

ALKANET-ROOT.—Two paper parcels (56 lb.) of ground (guaranteed genuine) were bought in at 7s. per lb., but a bid of 3s. is to be submitted.

ALOES.—Cape is dearer, with sales privately up to 80s. per cwt. The principal lot catalogued for auction had not arrived in time, and only odds and ends sold, comprising two cases fair seconds at 78s., four cases fair, very broken, at 77s., and one case ordinary, slightly drossy, at 73s. Five cases had been sold privately.

The exports from the Union of South Africa during September 1919 amounted to 44,603 lb. (508t.), against 29,312 lb. (335t.) in 1918. During the nine months ended September 30, 1919, the exports amounted to 702,433 lb. (7,338t.), against 339,886 lb. (3,632t.) for the corresponding period of 1918.

ANISE, STAR, is scarce. Fifty cases fair Chinese sold at from 145s. to 170s. per cwt.

ANNATTO-SEED was forced off at lower prices without reserve, 282 bags, fair East Indian, selling at from 1d. to 1½d. per lb. from two catalogues.

ARECA.—Several lots from Bombay were held at from 85s. to 95s. per cwt. as to quality.

BALSAM TOLU.—Fair (10 cases) was limited at 8s. 6d. per lb. Four cases had been sold privately at 9s. per lb., being dearer.

BENZON.—Sumatra was in fair demand. Six cases good almondy seconds sold at 12l.; 18 cases fair ditto sold at 10l., and 12 cases middling seconds at 9l. 5s. Twenty-eight cases ordinary to fair thirds realised 7l. 10s. to 7l. 15s. Sixteen cases Palembang sold at 7l. 5s. for fair seconds, with false-packed sides. A single case of small to bold good Siam almonds, slightly blocky, sold

37l. 15s. per cwt. subject, and for a case of medium bold loose slightly darkish almonds 37l. per cwt. was bid.

JARDAMOMS.—Although a good selection offered the demand was poor, prices being irregular and easier. The following rates were paid: Ceylon-Mysore extra bold fine long, 7s. 4d. to 7s. 5d.; medium to bold palish to pale, 4d. to 6s. 6d.; small and medium pale, 5s. 5d. to 7d.; tiny palish to pale, 3s. 9d. to 4s. 2d.; fine bold splits, 4s. 6d. to 4s. 11d.; medium splits, 4s. to 4s. 6d.; all splits, 3s. 6d. to 4s.; ordinary to fair splits and kings, 1s. 11d. to 2s.; Mangalore, bold round palish, 6d.; seed, 3s. to 3s. 3d. per lb.; Aleppy, small greenish, 5d. to 2s. 6d.

CASSIA FISTULA.—Four cases of fair West Indian sold at a higher price of 185s. per cwt. A further six packages of fair sold at 180s.

CASSIA OIL.—Five cases of 83 per cent. c.a. were bought at 9s. 6d., and five cases 76 per cent. at 9s. 4d., a bid 9s. 3d. being refused for the former.

CINCHONA.—At auction 18 bales of South American red pill sold at 2s. per lb. for sound, and 1s. 9d. to 1s. 11d. for sea-damaged.

COCA-LEAVES.—A parcel of 16 bags of dark brown Ceylon-mauco sold at 1s. 8d. per lb.

COLOCYNTH. Three cases broken pale yellowish sold 9d. per lb. without reserve.

DRAGON'S-BLOOD.—A lot of fifteen good reboiled Singapore lump offered and sold, opening at 23l. and closing 39l. 10s. per cwt. Reboiled has been off the market for several years past, and the bidding between a home and an export buyer was particularly keen: 12 cases pickings from the reboiled sold at 16l. 10s. Eight cases ordinary Singapore slab realised 16l., and two cases common went 14l. per cwt.

ELECAMPANE-ROOT.—Two bags of sea-damaged sold without reserve at 8d. per lb.

GALANGAL-ROOT.—A lot of 26 bales offered at 90s., at high sales have been made privately.

GALLS.—Six bags of fair Persian blue sold at 136s.

GAMBOGE.—Firm, two cases of good bright Siam pipe, tightly blocky and damp, selling at 40l. per cwt.

GURJUN OIL.—A parcel of 58 drums from Singapore was sold at 2s. 6d. per lb.

GUAIACUM.—A large quantity of poor quality offered, but there were no buyers. Fair glassy lump could probably have been obtained at 7s. per lb.

GUM ACACIA.—Pale to amber, clean Sudan sorts, sold at 67s. 6d., and hard glassy and amber sorts went at 55s. per cwt.

HONEY sold at an advance of about 5s. to 7s. 6d. on the previous auction rates. Owing to the sugar shortage, practically the whole of the offerings of Jamaica of one broker (535 packages) were held at an advance of 12s. 6d. per cwt. on the last public sale prices, these being the instructions of the importer. Only about twenty packages were sold at the advanced rates, including fair to fine pale-set, 110s. to 112s. 436 packages San Domingo were catalogued, but a fair quantity was withdrawn, as a cable had been received here intimating that the cost price in San Domingo was now 160s. per cwt. About 217 packages sold, including light amber liquid and setting, 74s. to 85s.; and cream to pale set, 85s. to 90s. Of Australian, 239 sold, comprising packages out of condition, at 56s. to 64s. for light and dark brown set; 72s. 6d. to 85s. was asked for better quality, and bids of 70s. to 72s. refused. Fifty-six casks Cuban offered and sold, comprising liquid amber to setting, 80s.; and light straw set, 90s.; about 200 cases Californian sold at 90s. to 100s. for pale light amber and straw setting. Of Honolulu, fifty cases offered and sold at 75s. for liquid amber to palish set. Privately, principal demand during the past fortnight or so has been for Australian, and several thousand cases have been sold at from about 60s. up to 75s.

IPECACUANHA in the auction interval has advanced about 1s. 9d. per lb., up to 15s. 6d. having been paid privately for Matto Grosso, and just prior to the public sale 16s. was the price. In auction, however,

a further advance of 6d. to 9d. was paid, 22 bales selling at from 16s. 6d. to 16s. 9d., and slightly grease-damaged at 15s. 6d. A bale of Cartagena sold at 15s. 6d. For Minas 16s. 6d. was wanted, and 16s. for Johore.

The landings in London during December amounted to 27 Matto Grosso and the deliveries to 98 Matto Grosso, 3 Cartagena, and 4 East Indian. The stocks at the end of December 1919 consisted of 132 Matto Grosso, 4 Minas, 21 Cartagena, and 4 East Indian. During 1919, 385 Matto Grosso, 63 Minas, 31 Cartagena, and 160 East Indian were landed; the deliveries were 748 Matto Grosso, 67 Minas, 31 Cartagena, and 168 East Indian.

KOLA.—Steady, five bags of fair West Indian halves selling at 6½d. to 6½d. per lb.

MASTICH.—A single case of fair tear sold at 6s. 1d.

MINT OIL.—Five cases Kobayashi sold without reserve at 16s. 4½d. per lb.; privately, sales have been made at 16s. 9d., being slightly easier.

MYRRH.—The bulk of the offerings was common Somali quality, which were limited at from 13l. 5s. to 15l. Three cases rather dark Aden sorts sold at 17l. per cwt. Towards the close of the auction 54 bags of good fair Aden slightly blocky sorts sold at 17l., and six bales of small Somali sold at 10l. 10s. per cwt.

NUX VOMICA.—Five bags of fair from Singapore sold at 50s., and sea-damaged at 47s. 6d.

OLIBANUM.—A parcel of 164 bags of small dusty and mixed siftings sold at from 85s. to 90s.; 39 cases small to medium tear were limited at 130s. Privately good siftings are scarce and much wanted—100s. would be paid.

ORANGE OIL.—Three cases Dominican distilled sold at 19s. 6d. per lb.

ORANGE-PEEL.—Steady, compared with the previous auction, 33 cases selling at from 1s. 1d. to 1s. 4d. per lb. for ordinary to fair so-called Maltese strip. Six cases of ordinary dark sold without reserve at 11d. A bid of 32s. 6d. is to be submitted for 45 bags of sweet in quarters.

ORRIS.—Five bags of fair Mogador sold at 65s. per cwt.

RHUBARB.—Quiet. Four cases of horny High-dried pickings sold at 5s., being comparatively cheap, and two cases small to bold flat High-dried, with three-quarters fair pinky fracture, sold at 9s. A box of round and flat Shensi pickings realised 11s. Rough round High-dried was held at 8s. A single case of medium to extra bold Shensi, with three-quarters fair pinky fracture, sold at 11s.

The landings in London during December were 200 cases and the deliveries 135 cases, leaving a stock of 256 cases against 533 cases. The landings during 1919 amounted to 464 cases, against 107, and the deliveries to 933 cases against 430 in 1918.

SARSAPARILLA.—Native Jamaica was 3d. to 6d. per lb. higher, 20 bales of yellow and red mixed selling at from 2s. 1d. to 2s. 6d. per lb. Of grey Jamaica 48 bales sold at 3s. 7d. for good, sound fibrous, 2s. 10d. to 3s. 4d. for rough, part mouldy, and 2s. to 2s. 6d. for so-called wormy, with badly wormy and mouldy 1s. 10d. Fair Lima was held at 2s. per lb.

SENNA.—Tinnevely met with a quiet demand at firm rates, the following prices being paid: Good medium to bold clean green leaf, 1s. 2½d. to 1s. 3d.; good fair ditto, 10d. to 1s.; ordinary small yellowish, 7½d. to 9d.; sea-damaged ditto, 5d. to 6½d. Pods sold at 6d. for fair dark and 8d. for pale Tinnevely.

STROPHANTHUS.—Three bags of Kombe sold at 3s. per lb.

WAX, BEES.—Quiet, eight packages fair pale red and brown mixed Jamaica sold at 11l. 10s. per cwt.

Opium Consumption in the Dutch Indies.

From the report of the opium monopoly it is apparent that the consumption of opium in Java and Madura has decreased by 2½ per cent. in 1918 compared with the preceding year. This decrease is attributed to the less favourable economic situation brought about by the high cost of living. With regard to the consumption of opium among the Chinese, it is stated that the number of Chinamen is increasing who do not wish to be known as opium smokers. This is not only due to the fact that they wish to keep their families in ignorance of their vice, but also because no opium smoker is allowed to join the Chinese school societies, and the moneylenders in Sourabaya are less inclined to grant credit to an opium smoker.

Arrivals of Drugs, Chemicals, and Allied Produce.

The following products have arrived at the ports named:

<i>London</i>	
(Dec. 24 to Jan. 5).	
Alcohol, methyl (Can.), 40 drms.	Cardamoms, (B'bay) 23 cs. 42 pkgs., (Cey.) 54 cs. 38 pkgs. 50 bls., (Calic.) 39 cs.
Barytes, (R'dam) 435 cks., (Germ.) 700 bgs., (Antw.) 920 bgs.	Cascara (U.S.), 225 bgs.
Carbon black (U.S.), 100 cs.	Chamomiles (Belg.), 10 bls.
Chemical products, etc.: not described, (Sp.) 7 cs., (Holl.) 4 cs., (Swc.) 35 cs., (Belg.) 180 pkgs.	Cinchona, (R'dam) 43 bls., (Calicut) 12 bls., (Cochin) 48 bgs.
Acetanilide (U.S.), 244 cs.	Cod-liver oil, (Norw.) 405 brls., (R'dam) 50 cs.
Acetone (Swc.), 12 cks.	Croton seed (Cey.), 14 bls.
Ammon. phos. (U.S.), 104 brls.	Cuttlefish bone (B'bay), 5 cs.
Argol, (Sp.) 33 brls., (It.) 21 cks., (Port.) 612 bgs., (Fr.) 145 bgs., (Cape) 21 bgs.	Ergot (Sp.), 5 bgs.
Arsenic (Antw.), 20 brls.	Galls (S'hai), 75 cs.
Benzoic acid (R'dam), 20 cks.	Henbane (Alex.), 66 bls.
Borax (N.Y.), 2,619 pkgs.	Henna (Egypt), 711 bgs. 58 bls.
Boric acid (N.Y.), 250 kgs.	Ipecacuanha (Fr.), 20 brls.
Bromides (Amst.), 7 cs.; ammon. (N.Y.), 20 cs.; potash, 60 cs.; soda, 34 cs.	Liquorice (Gibr.), 60 cs.
Calc. borate (Chile), 8,204 bgs.	Liquorice root (It.), 510 bgs. 16 pkgs.
Calc. glyceroph. (N.Y.), 10 cs.	Myrrh (Aden), 48 bls.
Chlorophyll (Ostend), 2 pkgs.	Nux vomica, (Cocodada) 86 bls., (Ch.) 230 bgs., (Cey.) 20 bgs.
Cocaine (Fr.), 1 cs.	Opium, (Smyr.) 79 cs., (B'bay) 100 cts., (Salouika) 5 cs.
Coumarin (U.S.), 6 cs.	Orange-peel (It.), 29 bls.
Hydroquinone (New York) 23 kgs., (Belg.) 2 cs.	Rhubarb (S'hai), 80 cs.
Magnes. chlor. (R'dam), 96 bgs.	Senna, (Tinn.) 541 bls., (Alex.) 38 bds.
Oxalic acid (Malmo), 36 cks.	Squills (Catania), 38 bgs.
Potash (Swc.), 58 cs.	Tamarinds (Cal.), 251 pkgs.
Pot. pruss. (R'dam), 8 cks.	Thymol (Cal.), 18 pkgs.
Pot. sulph. (Holl.), 1,500 bgs.	Turnerite (E.I.), 109 bls. 624 pkgs. 156 bgs.
Potash salts (Kainit) (Holl.), 1,380 bgs.	Valerian (Antw.), 4 cs.
Salol (U.S.), 46 cs.	Drugs, medicines, etc.: (U.S.) 235 cs., (R'dam) 10 pkgs., (Fr.) 113 cs.; fig syrup (U.S.), 6,000 cs.; ointment (U.S.), 85 cs.; pills (U.S.), 24 cs.; plasters (N.Y.), 42 cs.; vapocresole (N.Y.), 164 cs.; glucose (U.S.) 844 brls.
Saltetre (Cal.), 1,279 bgs.	Dyes, dyeing and tanning materials, etc.: aniline (Belg.), 31 pkgs.; aniline dyes (Pelg.), 134 pkgs.; carmine (Fr.), 30 cs.; cochineal (Canar. Is.), 11 bgs.; cutch (R'goon), 900 bxs.; divi divi (Madras), 334 bls.; extract, tanning (St. Johns, N.B.), 60 cks.; gall extract (Ch.), 100 cs.; logwood (W.I.), 10 tons; myrabolans (E.I.), 1,677 bls. 36,241 pockets, 2,427 bgs.; (extract) 1,000 bgs.; sumac ext. (Belz.), 12 cks., (extract), 12 pkgs.; valonea (Smyr.), 99 tons, 3,295 bgs.
Sulphur (It.), 4,667 pkgs.	Egg products: albumen (Ch.), 183 cs.; spray (Ch.), 56 cs.; whole, 135 cks.; yolk (Ch.), 191 cs. 349 pkgs. 2,410 cks.
Soda nitrate (Chile), 69,914 bgs.	Gelatin (R'dam), 359 bls.
Soda oxal. (Amst.), 4 cks.	Glucose (Fr.), 750 cks.
Soda salicyl. (Amst.), 2 cs.	Gums, resins, etc.: gums, not described, (Port.) 96 bgs., (B'bay) 149 cs. 72 bgs., (Fr.) 54 bgs., (Amst.) 306 cs.; acacia (B'bay), 279 bgs.; copal (Antw.), 578 bgs.; damar (Holl.), 129 cs.; lac: button (Cal.), 26 bgs.; seed (B'bay), 35 bgs.; shell, (Cal.) 200 cs. 100 bgs. 1,482 cts., (Fr.) 125 cs., (Holl.) 14 cs.; olibanum (B'bay), 15 cs.; resin, (Port.) 240 brls., (Port.) 405 brls., (Fr.) 384 cks., (Holl.) 21 brls. 70 cs.
Tartar, (It.) 341 bgs., (Fr.) 1,186 pkgs.	Honey, (W.I.) 24 cs., (Holl.) 431 brls.
Tartaric acid (Fr.), 53 cks.	Hops, (Belg.) 69 cs. 511 bls., (U.S.) 919 bls.
Vanillin (R'dam), 27 cs.	Kieselguhr (Sp.), 200 bgs.
Zinc oxide (Antw.), 120 brls.	Lead, white, (U.S.) 214 cks., (St. John N.B.) 88 brls., (Antw.) 271 brls. 28 cks.
Drugs, crude, etc.: herbs (Fr.), 139 bls.; leaves, 27 bls.; roots (It.), 54 pkgs.; roots, barks, herbs (N.Y.), 189 pkgs.	Lime-juice (Fr.), 150 cs.
Aloes (E.I.), 16 cs.	Lithopone (R'dam), 1,727 cks. 673 brls.
Areca nuts (Cey.), 133 bgs.	Magnesite (Holl.), 100 bgs.
Belladonna root (B'bay), 20 bgs.	Mercury, (Seville) 3,000 bottles, (Antw.) 490 bottles
Burdock (Belg.), 5 bls.	Oils, essential: not described, (Sp.) 8 drms., (Amst.) 4 cs., (It.) 24 cs., (Jv.) 9 drms.; anise, star (Ch.), 300 bls.; cinnamon leaf (Cey.), 25 cs.; citronella (Galle), 29 drms.; mint (Jp.), 52 cs.; orange (U.S.), 40 cs.; peppermint, (Fr.) 77 cs., (U.S.) 83 cs.; pine (U.S.), 59 brls.; turpentine, (Swc.) 46 brls., (Fr.) 200 brls.
Calumba (B'bay), 299 pkgs. 120 bgs.	Oils, fixed: coconut, (E.I.) 432 cks. 70 pps. 8,320 cs., (Cey.) 3,251 pkgs. 24 pps.; (acid) (Chagen), 300 brls.; cod (St. John's, N.F.), 705 pkgs.; fish (Jp.), 200 cs. 250 cks.; lin. (Belg.) 295 cks. 519 brls., (Cal.) 198 cks.; olive, (Fr.) 18 cks. 114 pkgs., (Sp.) 590 brls.; seal (St. John's, N.F.), 158 pkgs.; soya (Ch.) 24 cks.; wood, (Chagen) 27 pkgs., (S'hai) 238 cks.
Camphor, (Jp.) 381 cs., (Fr.) 200 cs., (R'dam) 66 cs.	Seeds: almonds, 1,607 pkgs. 125 bds. 347 bgs. 781 bxs. 200 cs.; anise (Sp.), 100 bgs.; apricot kern. (Sp.), 155 bgs.; canary (S. Amer.), 838 bgs.; caraway (Holl.), 100 bgs.; cashew (Bombay), 138 cs.; castor (B'bay), 695 bgs.; copra, (Cochin) 10,281 bgs., (E. Af.) 550 bgs.; cotton, (Antw.) 6,743 bgs., (Alex.) 942 tons, (B'bay) 4,080 bgs.; groundnuts (Ch.), 120 cs. 168 bls.; lin. (E.I.) 22,838 bgs., (R. Plate) 50,359 bgs., (Antw.) 1,230 bgs., (Alex.) 370 bgs., (Fr.) 1,179 bgs.; millet, (B'bay) 1,232 bgs., (Smyr.) 356 bgs., (U.S.) 520 cks.; mustard, (Denm.) 700 bgs., (It.) 500 bgs.; poppy (B'bay), 176 bgs.; rape, (Ch.) 600 bgs., (Holl.) 20 bgs.; soapnuts (E.I.), 168 bls.; sunflower (S. Amer.), 1,663 bgs.
	Spices: cassia (Ch.), 250 bls.; cinnamon (Cey.), 1,771 bls.; cloves, (B'bay) 500 bls., (Cey.) 18 cs.; cubebs (B'bay), 30 bgs.; ginger (E.I.), 1,399 pkgs. 71 bgs.; mace (Cey.), 16 cs.; nutmegs, (B'bay) 31 cs., (S'pore) 92 cs., (Cey.) 56 x 1/2 cts., (R'dam) 8 cs.; pepper (E.I.), 1,585 bgs.
	Starches, etc.: dextrin (Holl.), 150 bls.; farina (Jp.), 838 bgs., (Holl.) 250 bls.; maize, (U.S.) 1,110 bgs. 16,400 cs., (Holl.) 1,600 cs.; rice (Jp.), 100 bgs.; wheat (Jp.), 740 bgs.
	Wax, bees' (Aden) 33 bls., (Cal.) 22 bgs. 115 cs., (Alex.) 55 bgs.
	Wax, paraffin (U.S.), 2,371 brls. 1,070 pkgs., (E.I.) 3,335 bgs.; (scale) (U.S.), 360 brls.
	<i>Liverpool</i>
	(Dec. 24 to Jan. 3).
	Barytes (Sp.), 200 cks.
	Bronze powder, (U.S.) 9 cs., (St. John N.B.) 57 brls. 45 cs.
	Chemical products, etc.
	Acetic acid (U.S.), 149 brls.
	Argol, (Fr.) 440 bgs., (Sic.) 20 bgs., (Port.) 54 cks.
	Arsenic (U.S.), 184 brls.
	Borate (Chile), 6,833 cks.
	Calc. acet. (U.S.), 6,206 bgs.
	Croosote (N.Y.), 2 cs.
	Formaldehyde (St. John N.B.), 10 cs.
	Magnes. chlor. (Amst.), 45 cks.
	Soda bichrom. (N.Y.), 204 brls.
	Soda chlorate (Fr.), 280 cks.
	Soda pruss. (Fr.), 15 cks.
	Sulphur (It.), 4,942 bgs.
	Tartar, (Sp.) 12 brls. 4 cks., (Fr.) 67 cks., (Port.) 36 cks.
	Tartar substitute (N.Y.), 100 kgs.
	Zinc oxide (U.S.), 2,423 brls. 400 pkgs.
	Drugs, crude, etc.: herbs (Fr.), 32 pkgs.
	Asafetida (N.Y.), 17 cs.
	Cascara (Vauconv.), 104 bgs.
	Copaiba (N.Y.), 70 cs.
	Hellebore (It.), 17 bgs.
	Henina (Malta), 12 pkgs.
	Kola (W.I.), 43 bgs.
	Liquorice (It.), 10 bgs.
	Liquorice juice (It.), 75 cs.
	Manna (Sic.), 10 cs. 3 x 1/2 cs.
	Menthol (N.Y.), 10 cs.
	Opium (Tky.), 148 cs.
	Quillaia (Chile), 888 bls.
	Senna (Alex.), 7 bls., (siftings), 10 bls., (pods), 20 bls.
	Drugs, medicines, etc.: (Fr.) 12 cs., (U.S.) 649 cs. 19 bds. 216 pkgs.
	Dyes, dyeing and tanning materials, etc.: chestnut ext. (It.), 393 cks.; cutch (R'goon), 500 bxs.; extract, tanning, (U.S.) 1,308 bgs. 20 brls., (Fr.) 87 cs.; gambier (Jv.), 850 cs.; hematin (N.Y.), 4 brls.; logwood ext., (W.I.) 1,063 cks., (U.S.) 90 cs.; sumac (Sic.), 2,049 bgs.
	Egg products: albumen (Ch.), 25 cs.; whole (Ch.), 33 brls.; yolk (Ch.), 133 cks. 56 cs.
	Glucose (U.S.), 1,261 brls. 978 pkgs.
	Glycerin (Fr.), 154 drms.
	Gums, resins, etc.: 23 bgs. 20 cs.; acacia (P. Sudan), 851 bgs.; almedina (Port.), 261 bgs.; copal, (Zanz.), 26 bgs., (Jv.) 698 bgs.; damar (Jv.), 18 cs. 306 pkgs.; resin, (Fr.) 194 brls. 1,062 cks. 588 cs., (Port.) 82 cks., (U.S.) 500 brls.
	Honey, (St. Johns, N.B.), 22 bxs., (Chile) 138 brls., (W. Af.) 5 pkgs.
	Lithopone (N.Y.), 125 brls. 1,000 pkgs.
	Magnesite (Antw.), 200 bgs.
	Oils, essential: not described, (U.S.) 6 cs., (Jv.) 4 drms.; citronella (R'goon), 134 cts.; lemon (Sic.), 10 x 1/2 cs.
	Oils, fixed: coconut, (Cey.) 12 hds., (U.S.) 5,349 brls.; (acid), 3,590 brls. 1,412 cks.; groundnut (R'goon), 3,112 cs.; olive (Fr.), 43 cs.; palm (W. Af.), 5,342 cks.; palm kernel, (W. Af.) 830 cks., (Holl.) (acid) 146 cks.; soya (Jp.), 130 cs.
	Seeds: almonds, 289 cs. 300 bxs. 306 cks. 49 bgs. 330 pkgs.; canary (Tky.), 200 cks. 2,317 bgs.; caraway (Holl.), 70 bgs.; copra (Zan.), 1,150 bgs.; cotton, (P. Sudan) 934 bgs., (Holl.) 1,244 bgs., (W.I.) 46 bgs.; ground-nuts (Jv.), 1,763 bgs.; lin. (P. Said), 636 bgs.; palm (W. Af.), 390 tons, 88,444 bgs.; rape (Malta), 2,036 bgs.
	Spices: cloves (Zan.), 5,638 bds., (stems), 785 bls.; pepper (E.I.), 485 bgs.
	Starches, etc.: dextrin (U.S.), 960 bgs.; farina (Jp.), 1,848 bgs.; maize (U.S.), 2,750 cs. 4,140 bgs.; rice (Jp.), 140 bgs.
	Wax, not described (Fr.), 335 cs.
	Wax, bees' (Fr.), 123 bgs.
	Wax, paraffin, (U.S.) 2,904 brls. 281 bgs. 172 cs. 204 pkgs., (E.I.) 8,400 bgs., (scale) 145 brls.
	Wax, vegetable (Jp.), 50 cs.
	<i>Goole</i>
	(Dec. 23 to Jan. 2).
	Barytes (R'dam), 50 cks.; farina (R'dam) 600 bgs.; lithopone (R'dam), 60 cks.; magnes. chlor. (Germ.) 69 cks.; potash salts (Holl.), 1,39 2 bgs.; quebracho ext. (Belg.), 10 pkgs.
	<i>Grimsby</i>
	(Dec. 29 to Jan. 2).
	Aniline dyes, (Antw.) 268 cs. 734 pkgs., (Fr.) 10 cks.; tannic acid (Antw.), 5 cks.
	<i>Hull</i>
	(Dec. 24 to Jan. 2).
	Acetic acid (N.Y.), 217 brls.; alcohol methyl (N.Y.), 260 drms.; almonds, 300 brls.; barytes, (Holl.) 115 cks.; (Ghent) 392 bgs.; bromides, (N.Y.) 40 cs., (Chagen) 33 cs.; carbon black (N.Y.), 100 cs.; cod oil (Norw.), 10 brls. 50 cks.; cryolite (Chagen), 200 bgs.; dextrin (Holl.), 60 bgs.; formaldehyde (N.Y.), 313 brls.; glucose (N.Y.), 800 brls.; gum (W. Af.), 4 brls. 27 cks.; hydroquinone (N.Y.), 10 kgs.; olive oil (Sp.), 924 brls.; lead, sugar (N.Y.), 33 brls.; lead, white (N.Y.), 268 cks.; linseed oil (Antw.), 112 brls.; lithopone, (N.Y.) 540 brls.; (Holl.) 843 cks.; methyl sal. (N.Y.), 11 cs.; myrabolans (E.I.), 17,014 bgs.; naphthalin (Antw.), 78 brls. 48 cks.; palm oil (W. Af.), 819 brls. 297 cks.; palmarosa oil (B'bay), 3 pots; paraffin (N.Y.), 22 cs.; petroleum jelly (N.Y.), 205 brls.; pot. pruss. (Holl.), 43 cks.; seeds: cotton, (Alex.) 12,420 tons, (E.I.) 1,025 bgs.; mustard (Holl.), 350 bgs.; palm (W. Af.), 47,273 bgs.; soda nitr. (Fr.), 46 cks.; tannic acid (N.Y.), 42 brls.; turpentine (Swc.), 10 brls.; vaseline (N.Y.), 49 cs. 62 brls.; wax, bees' (W. Af.), 89 brls. 29 pkgs.; wax, paraffin (N.Y.), 814 bgs.; zinc oxide, (Belg.) 40 brls.; (N.Y.) 1,500 brls.; zinc white (Holl.), 40 brls.
	<i>Inmingham</i>
	(December 24).
	Liquid rosin (Swc.), 574 cks.
	<i>Southampton</i>
	(Dec. 29 to Jan. 3).
	Drugs (Fr.), 170 cs.; roots (Fr.), 80 bgs.; tartar (Fr.), 278 cks.



The Conference of Local Association Delegates.

SIR,—The resolution of the Local Association Conference of January 6, regretting "the use of arguments by the pharmaceutical Standing Committee (Scotland), etc.," seems to me to be itself regrettable (*C. & D.*, January 10, p. 63). It reads like an invitation to the Scottish Committee to enter upon a course of wordy strife with its English congener. Whether my Committee, when it meets, will dare to take this line I cannot predetermine. Personally, I hope it will not. This is sure, however. If it deems it desirable, it will justify, in its own way, at its own time, all its actings. It is impossible for me to believe that the L.A. Conference resolution was adopted in a full knowledge of all the facts. Scotland has disapproved, and will continue to disapprove, of "comparisons" between the two countries. Each knows its own circumstances. That is enough. Whatever else might happen in a "slanging" contest between North and South over this matter, I am certain of this, the gainers would be some persons other than panel chemists. Therefore I deplore the action of the conference.

THOS GUTHRIE,

Chairman,

Pharmaceutical Standing Committee (Scotland).
Glasgow, January 12, 1920.

Insurance Terms.

SIR,—*Timeo Danaos et dona ferentes*. The old familiar words should be read out at the commencement of every meeting of the Local Associations, and particularly impressed on their delegates when they go to negotiate with the Ministry of Health. The officials have not been noted for their extreme kindness to panel chemists, and the sudden urbanity may well give us cause to ponder on its origin. Is it possible that the new Ministry has some extensive scheme in hand which will render it independent of the present contractors, but as it is not yet in working order they are anxious to keep the pharmacists on the string for a little longer? I notice that we are advised to accept the offer. What a favourite phrase it is with our leaders! First we were advised to accept the discounted payments, then the cost-price tariff, then the 0.3d. as an act of grace, and, finally, after all our arguments and vain protests that we would resign sooner than continue under such conditions, we are now again advised to accept a 35 per cent. advance and give 50 per cent. more value for it in the shape of late service, etc. In this connection it is interesting to read the views of a medical man in the article on a "Proposed Non-panel Medical Service" (*C. & D.*, January 10, p. 67); although in paragraph 8 it distinctly lays down the annual payments to the doctor, and in paragraph 11 it states that there shall be a scale of fees for consultations, operations, etc., presumably over and above the yearly subscriptions, I fail to gather where the chemist's payment comes from. Paragraph 12 says that the charges by chemists are to be drawn up by a Central Council, so that it is evidently intended that the patient should take his script to the chemist and pay over the counter for it at the time, according to the tariff. If this is the meaning of the scheme I am afraid that the average member of the public would strongly object to a further payment after having paid a yearly fee, whether ill or well; in fact, many of them object even now to pay the deposit required on containers. Paragraph 16 recommends that late work shall be paid for at the rate of time and a-half; this might well be applied to the new suggestion of a compulsory rota under the Draft Medical Benefit Regulations, 1920.

Yours faithfully,

TIMOROUS. (149/57.)

SIR,—I regret that "Xrayser II." should dismiss my remarks on the rota as mere quibbling; it is true that repeats are not urgent, or perhaps I should say nearly all repeats, as a repeat of nitrite of amyl capsules or morphia injection (both of which cases have actually happened to me) might well be urgent. But what I wished to point out was the difficulty there would be in refusing to supply one customer when he sees others in the pharmacy obtaining medicine and you are admittedly there for dispensing prescriptions; it is quite bad enough now when you have to send people back who present scripts which are not in order, such as no date to a repeat or no signature, and I do not look forward to a time when a panel customer, after having passed one or two other chemists with notices on their doors directing him to my pharmacy, presents a script not marked "Urgent" and I have to refer him to to-morrow morning. From my experience his answer is likely to be more forcible than polite, as it is extraordinary how the same party who will wait without grumbling in a doctor's surgery for one or two hours at a time, vents his spleen on the pharmacist; but possibly Xrayser's customer's request the favour of his attention and return a vote of thanks afterwards. It reads easily on paper to refuse service, but would be very difficult in practice, and then, again, I can foresee the man who has learned the password, and being a little late or wishing to go to the pictures first, writes it on himself; all mere quibbles on my part perhaps, but unfortunately these sort of things will, and do, happen daily in this sophisticated world. I do not see how a rota could be called unworkable, as the scheme has already been tried with regard to early-closing days and Sundays, and is working satisfactorily in several localities.

Yours faithfully,

ROTARIA. (103/40.)

SIR,—In the report of the meeting of the London Insurance Committee (*C. & D.*, December 6, p. 67) I see that the complaint against a chemist for refusing to supply a proprietary malt and oil when not specified by the doctor was dismissed. This upholds the contention which I raised in my previous letters (*C. & D.*, November 8, p. 75) that a proprietary brand should not be supplied on the mere demand of the customer, and it is interesting to note that in this case the make preferred actually contained less oil than the one specified on the tariff. This was attributed to the better flavour, but it is a sidelight on the mentality of the public, who will take any preparation with an advertised name in preference to one of standard strength with one's own label on.

Yours faithfully,

FOIE DE MORUE. (118/2.)

The Use of Poison-bottles.

SIR,—With reference to the problem of the proper container for a lotion containing hydrarg. perchlor. (*C. & D.*, November 8, p. 76), I always understood it to be an accepted rule that all preparations for external use, whether containing a poisonous ingredient or not, should be dispensed in poison-bottles. Other preparations, such as gargles, mouth-washes, etc., which are partly internal, should be sent out in a plain bottle, but with a red label on such as "Not to be taken," "The gargle," thus distinguishing them from mixtures to be swallowed. In the case where a prescriber did not indicate the use of the medicament by such words as "Fiat lot.," "Fiat garg.," I should certainly dispense in a blue bottle if there was any ingredient of a poisonous nature.

Yours, etc.,

BLUE BOTTLE. (107/6.)

Compulsory Dispensing.

SIR,—When I gave my vote to Dr. McWalter at the last Council election I did not think that, instead of watching over our interests, he would seek to interfere with our individual freedom. As Mr. Kerr points out in the *C. & D.*, we have quite enough of restrictions and regulations. The result of Dr. McWalter's motion would mean that we would be compelled to compound a prescription, no matter at what unreasonable hour it might be handed in. It would also interfere with the right of a pharmacist to fix his own price by introducing the

question of "a fair tender for the service demanded." I hope the learned doctor and distinguished councillor will reconsider what is a "fair view" of the question.

Yours faithfully,

Mullingar.

H. WEIR, M.P.S.I.

SIR,—In his letter (*C. & D.*, January 10, p. 74) replying to my protest, Dr. McWalter seeks to alter the whole colouring of his original motion, for by omitting the words "or for any person seriously ill" he brings a clear charge against the Irish pharmacists of refusing to compound prescriptions for members or ex-members of the Forces of the Crown. I have never heard of a case of a chemist refusing to supply medicine on political grounds, and I protest against this attempt to introduce politics into the discussion. I repudiate with indignation the imputation contained in Dr. McWalter's letter, and I am quite sure that every chemist in Ireland will support me in doing so. Dr. McWalter should substantiate his charge by bringing forward individual cases. I do not ask him to mention names, but he should be able to give dates and localities. Further, an odd case here and there will not do. We must have proof of a widespread and organised movement on the part of a considerable number of pharmacists to refuse medicine to members or ex-members of the Forces of the Crown. In the meantime, let me assure any English or Colonial pharmacist who may read this controversy that I have not the slightest fear that such proofs will be forthcoming. Indeed, I doubt if even one solitary case exists, for Irish pharmacists have always been uncompromisingly loyal to the traditions of their profession. As to the rest of Dr. McWalter's letter, it is utterly devoid of anything pertaining to the everyday work of a pharmacist. He speaks of chemists having a "monopoly" of compounding, but where does the monopoly come in when every second doctor in the country compounds his own medicine, and the majority of the country doctors are paid for compounding medicine at their dispensaries, as well as for prescribing for their poor patients? Then what about the scandal of having young and inexperienced doctors in sole charge of the dispensaries in so many of our public hospitals? I fail to see where we have a "monopoly." We pharmacists are not one little bit concerned about the reasons why the law gives us the right to compound. Dr. McWalter may be in a position to moralise about the why and the wherefore of our qualification and its duties and responsibilities, but to the average chemist who has to earn his bread the only thing that matters is that it gives him an opportunity of making a living. Certainly to say that we only use our right to compound "at caprice" is too childish even to excite our anger. I thank Mr. R. H. Kerr for his letter in support of my protest, and I earnestly hope that every pharmacist in Ireland will join us in defeating this uncalled-for motion.

Yours truly,

Ballybofey.

A. E. FERRIS, M.P.S.I.

Zinc Products.

SIR,—We notice on page 72 of your issue of January 10, under the heading "Zinc Products," the use of a term which, in our opinion, should be dropped from the list of those used in describing zinc products. We refer to the term "zinc-white." There are many compounds of zinc which are white; in fact, most of them are white—e.g., zinc oxide, zinc sulphide, zinc carbonate, zinc sulphate, etc.—so that the term "zinc-white" is not descriptive of even a zinc product, and is even more confusing because some people interpret it as meaning lithopone (lithopone being a combination of zinc sulphide and barium sulphate). We note also that your own interpretation of the term is not clear, as you state that zinc-white is "common low-grade zinc oxide," and quote a price for some more in line with present lithopone prices than with those for zinc oxide. As "zinc-white" is not descriptive of any zinc salt or zinc pigment, since it causes confusion as to whether zinc oxide or lithopone is meant (even among those persons who are users of both commodities), we suggest that the term "zinc-white" be no longer used, and that the product be

called by its true name, "zinc oxide." Before lithopone was manufactured "zinc-white" was used to denote zinc oxide, this being a translation from the French "blanc de zinc" or the German "zinkweiss," but, as already mentioned, we suggest that the time has now arrived when zinc oxide should be called "zinc oxide" and lithopone "lithopone."

Yours faithfully,

ZINC OXIDE. (150/73.)

Chemical Mnemonics.

Referring to the letter of "Julius Junior" (*C. & D.*, 1919, p. 1519), Mr. A. Thomas states that he has tried the test for lithium there given upon a sample of lithii citras effervescens (5-per-cent.), but has been unable to prove the presence of lithium. He has proved it, however, with the alcohol test (*C. & D.*, December 20, p. 76). [The latter method answers very well for lithium mixed with a sodium or potassium salt. Alcohol is, however, expensive, and if instead of adding boiling alcohol (a rather risky expedient for students) he adds to the dry residue strong hydrochloric acid (sp. gr. 1.16) and allows the precipitate to subside, the clear liquid will indicate lithium, especially if the blowpipe is used in conjunction with the platinum wire. The observation for the lithium colour should be made at the very apex of the flame. It would not be necessary to ignite the lithii citras effervescens, as neither citrate nor tartrate interferes when mixed with even 1 per cent. of lithium citrate.]

—EDITOR.]

The Objects of the Pharmaceutical Society.

SIR,—The twelve points enumerated by Mr. J. Rutherford Hill in his address to the Edinburgh Chemists' Assistants' and Apprentices' Association (*C. & D.*, 1919, p. 1514), gave a unique and comprehensive view of the possibilities afforded by the powers with which the Pharmaceutical Society is endowed by its Charter; but they are also a striking commentary on the lamentable failure of the Council to profit by its powers and to wield them in the interests of its members. On reading through the lists and recalling to one's mind the past achievements of the Council, one notes that in practically every instance the law has gone against the best interests of registered pharmacists, who have had to submit to restrictions and encroachments on all sides, notably with regard to company pharmacy, the sale of horticultural poisons, the Venereal Disease Act, dilution of the qualification, and the worst failure of all—the status of pharmacists under the National Insurance Acts. The workings of the Council being generally "wropt in mystery," it is difficult to criticise their methods, and one can only judge by results; but, if their general practice is the same as that adopted with regard to the passing of the "unjust" by-law, in which case they were forced to come into the open by their defeat at the Memorial Hall, we can well understand how it is that the rank and file always come under the heading of "also ran." In point No. 2 Mr. Rutherford Hill notes the reciprocity of qualification within the Empire, but already certain Colonies are considering the refusal of recognition to the English qualification on the ground of its inferiority, due to the admission of persons otherwise than by examination. Finally, Mr. Rutherford Hill states that any member of the Society who requires help and guidance has only to apply for it. I venture to predict that if any lesser-known member took his troubles to No. 17 and worried the officials with them he would come away feeling even smaller than when he went in.

Yours truly,

FUL. (135/65.)

The Cost of Dispensing.

SIR,—Your reference to Mr. Netherway's recent paper on dispensing costs leads me to comment on the question from a point of view that is not often represented in your columns—I mean the point of view of the patient. I make no comment on the figures referred to; my experience is not wide enough to enable me to do so. I can only say that in my little "one-horse show" they do not reach his totals. The question I would submit for consideration is, Ought a sick person to be asked to pay such a

price for his medicine as to give a trading profit on the basis of such expenses? I do not suggest that the work should be done without profit, but I have the notion that, instead of looking only to the question of raising prices to a profitable level, we should also consider whether it is not possible to reduce the cost of supplying the dispensing service. I am not thinking of cheap labour—quite the contrary—but of modification of methods and appliances. We see this idea being applied to the making of clothing, motor-cars, and other goods, and it will be increasingly adopted in other lines. "Mass production" is not applicable to retail dispensing, but it is not likely to be unaffected by the movement in that direction. Perhaps these are the considerations which are moving the Minister of Health to attempt a modification of the whole Medical Service. It looks to me as if retail pharmacy as we know it will be "left," and I am certainly not wise enough to say how it can be avoided. M.P.S. (12/120.)

Legal Queries.

A. E. C.—(142/40).—See *C. & D. Diary*, 1920, for lists of scheduled poisons.

Farina (80/18).—A licence is required to sell proprietary medicines, whether by post or otherwise.

Corolla (148/4).—The *C. & D. Diary*, 1920, contains a full list of scheduled poisons, to which please refer for a reply to your questions.

D. S. (148/56).—Entire drugs are not liable to Medicine Stamp Duty, but, if sold with a recommendation, may only be vended by persons holding a medicine licence.

M. R. (144/8).—The use of a registered trade-mark for a "known, admitted, and approved remedy" will render the article liable to medicine-stamp duty if the name is applied to that remedy alone.

J. G. D. (133/65).—From what you write we gather that the medicine to which you refer is a proprietary article. It could not, therefore, be sold as a "known, admitted, or approved" remedy in the manner you suggest.

J. W. W. (143/6).—Asthma powders which in use are burned and only the fumes inhaled are outside the charge of medicine-stamp duty. The powder may be recommended without incurring liability, and the seller does not require a medicine licence.

Repl. (96/69).—NATIONAL HEALTH INSURANCE.—As an employed person the assistant who works for you on five afternoons must pay his contributions for National Health Insurance unless he is an exempted person. If he obtains exemption, however, you are still required to pay the employer's portion of the contribution.

E. H. B. (147/15).—Your customer, if a chemist, can sell the Sunflower Corn-silk as a "known, admitted, and approved remedy," and advertise it in the local papers without rendering the article liable to medicine-stamp duty, provided that he claims no proprietary right in the title.

H. B. S. (134/49), who inquired regarding the liability to stamp duty of magnetic rheumatic discs (*C. & D.*, December 6, p. 88), has been informed by the Commissioners of Customs and Excise "that if the discs of metal and rubber submitted are not medicated in any way they are not within the charge to Medicine Stamp Duty."

A. B. S. (147/5).—In our opinion the pastilles to which you refer are liable to medicine-stamp duty by reason of the proprietary rights claimed for them (in the title and "manufactured only by") and the recommendation that they "prevent cold in the throat and nose." The concession in regard to the sale of cough lozenges in 4-lb. boxes has not, so far as we are aware, been extended to other medicated lozenges.

F. W. W. (144/52).—The permission to sell cough lozenges unstamped is hedged round with conditions which are strictly observed. The words "cough lozenges" may be on the bulk package and on each lozenge, but when sold retail they must be wrapped in plain paper, without the name of the article. "Balsam of Aniseed Lozenges" is not a dutiable title, but you are not permitted to say "for coughs, colds, etc.," without making the lozenge liable to medicine-stamp duty.

A. L. (145/19).—USE OF BRANDED AERATED-WATER BOTTLES.—We are not aware of any cases in which the owner of a branded aerated-water bottle has obtained, under the Merchandise Marks Act, a conviction against a retailer who sells turpentine, linseed oil, etc., in a bottle brought by a customer. We reported a case some years ago in which it was held that this was not an offence. As a matter of courtesy and fair dealing, we advise chemists not to put turpentine and the like in aerated-water bottles, and we consider that aerated-water exchanges would be more likely to secure that end by co-operation with retailers rather than by threats of legal proceedings.

A. W. (130/1).—The question of what constitutes the minimum amount of a poison within the meaning of the Pharmacy Acts cannot be said to have been settled decisively by the Delve case in 1893, but undoubtedly the legal principle of "de minimis non curat lex" applies. The Pharmaceutical Society contended that however minute the quantity of poison is in a mixture it is a poison within the meaning of the Pharmacy Acts. No exact quantity was given by the analyst in this case, but he stated that the morphine present was "more than a trace," and that there might have been 1/50th of a grain in the ounce. In the *Armson* case a preparation containing 1/10th of a grain of morphine to the fluid ounce was held to be a poison.

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

S. T. S. (126/58).—We cannot trace the formula for the chilblain application to which you refer. Possibly you have given the wrong reference number.

Vectis (150/72).—Denaturants for hair preparations made with industrial spirit, which have been accepted by the Commissioners of Customs and Excise, are extract of quassia and saponin. In one case, particulars of which are given in the *C. & D.*, I., 1911, p. 647, and II., 1912, p. 373, the quassia extract was required to be "in the proportion of not less than 0.05 per cent. of dry extract." Special permission must be obtained in all cases to use industrial spirit for hair preparations.

E. G. & S. (140/59).—ALCOHOL TABLES.—Official spirit tables are published by the Commissioners of Customs and Excise and sold at the Stationery Office at 1s. 6d. The title of the work is "Tables showing the relation between the specific gravity of spirits at 60° Fahrenheit and the percentage of alcohol by weight and by volume with the corresponding percentage of proof spirit." There is also published by Longmans, Green & Co., at 4s., Thorpe's "Alcoholometric Tables," which show (1) the percentage of ethyl alcohol by weight and by volume and the percentage of fiscal proof spirit in aqueous solutions of ethyl alcohol of different specific gravities; (2) the indications of Sikes' hydrometer and the percentage of British proof spirit, together with the corresponding percentages of American proof spirit, of ethyl alcohol by weight (Germany), by volume at 15° C. (France) and at 60° F., or 15.6° C., according to Tralles; and (3) the indications of Sikes' hydrometer and the percentage of British proof spirits with the corresponding indications of the hydrometers of Russia, Holland, Spain, and Switzerland.

S. & Co. (140/47).—BOULES DE MARS.—The formula for this was last official in the French Codex 1866. The formula employs vulnerary spices, iron filings, and argol in its preparation, so that the finished product contains tartrate of iron and potash.

Anxious (144/47).—(1) MIDDLE-EAR CATARRH with noises is very difficult to cure. Politzer's inflation method should be tried, but this can only be done by a doctor accustomed to ear-work. (2) The southern side of the South Downs is probably the most suitable climate for those suffering from catarrh. (3) It is not advisable to wear a wig for sweating.

S. A. J. (12/1).—SOLID CARBONIC ACID is used as a caustic for removing moles from the skin. The snow is made into crayons, which are applied to the moles for a minute or two. A single application usually suffices. The "burn" is afterwards treated with boric acid. Experience is necessary in the use of this remedy. The liquefied gas is sold in cylinders and the snow is produced by liberating the gas into the recess made of a towel wrapped round a rule.

G. M. & Co. (149/9).—PREVENTING CONDENSATION ON GLASS.—Various mixtures of soap and glycerin are employed for the purpose of preventing the condensation of moisture on the screens and windows of motor-cars. During the war one of the Research Committees in the United States investigated the subject anew with the object of finding out the best "anti-dimming" preparation for gas-respirator eye-pieces. The official formula is as follows:

Sulphonated castor oil (85 per cent.)	100 parts
Sodium hydroxide	15 parts
Water-glass syrup	5 parts
Paraffin oil (heavy)	5 parts

The following two formulas are improvements on the above:

(1) Sodium salt of 65 per cent. sulphonated rape oil containing 35 per cent. water	100 parts
Sodium hydroxide	20 parts
Water-glass syrup	5 parts
Glycerin	3 parts
"Marine" oil	3 parts

Dried to form a solid stick when compressed.

(2) Potassium salt of 62 per cent. sulphonated cotton oil containing 38 per cent. water	100 parts
Sodium hydroxide	15 parts
Water-glass syrup	3 parts
Glycerin	3 parts
"Marine" oil	3 parts

Dried to form a solid stick when compressed.

The "marine" oil referred to is heavy paraffin oil. The surface of the glass is first polished until clean and dry, then a little of the composition applied, rubbed in with the hand, and polished off with a soft rag until the surface is clear.

Plumbum (150/3).—There is no general exemption from any of the medical curriculum to registered chemists and druggists, but the various colleges and universities consider applications for exemption from any part of the medical examinations when the subjects, such as chemistry and biology, have been taken at approved institutions. You can only be registered as a medical student after you have commenced the course of study. You should submit your certificates to Mr. F. G. Hallett, secretary of the Conjoint Board, 8-11 Queen Square, Bloomsbury, London, W.C. 1, and he will give you definite information regarding exemption from the Preliminary examination or any part of the curriculum.

R. A. F. (87/24).—CONDITIONS OF PHARMACY IN AUSTRALASIA.—See *C. & D.*, 1919, p. 38.

A. T. R. (142/14).—CAMEL is generally made from glucose. The yield depends upon the process and the amount of caramelising ingredients that are added. You will find the method described in detail in "Pharmaceutical Formulas," p. 853.

Gorey (149/71).—TO MAKE HARD SOAP.—The following formula was published in the *C. & D.* many years ago:

Take 10 lb. 98-per-cent. caustic soda (in powder) and put into a jar with $4\frac{1}{2}$ gals. of water, stir once or twice, and let it get cold. Weigh out 75 lb. of clean grease, tallow, or oil (if a solid fat melt it at a temperature not exceeding 100° F.). Pour the soda solution (lye) slowly into the melted fat or oil in a small stream, stirring with a flat wooden stirrer, and continue stirring gently until the solution and fat are combined and of a honey-like appearance. (The time taken for combination varies from fifteen to twenty minutes; but be careful not to stir too long.) When the mixing is completed pour the liquid soap into a mould, which may be any square box, previously wetting the sides to prevent the soap sticking. Wrap up in old blankets or put in a warm place until next day, when the box will contain a block of 130 lb. of soap, which can afterwards be cut up into bars with a wire.

E. L. L. (148/5).—DYEING SEaweeds.—Failure in this operation is usually due to lack of preparation before placing the seaweeds in the dye solution. The salt must be soaked out of the seaweeds, and then the seaweeds are bleached by immersing in soda bisulphite solution (1 in 10) for twelve hours, when some weak sulphuric acid is added. After a few hours remove the seaweeds, wash in several changes of water, and dry slowly. The dried seaweeds can then be dyed by soaking in the dye liquid.

J. D. (128/10).—PILOCARPINE HAIR-LOTION:

Resorcin	5v.
Pilocarpini nitrate	gr.v.
Spt. myricie	5iiss.
Spt. rectificati	3xx.
Glycer. acid. boric.	3ij.
Tr. croci	1xx.
Sol. sat. acid. boric. ad	3xl.

To be rubbed into the scalp night and morning.

Curious (6/1).—There is no definite value for a copy of the *Pharmacopeia Londinensis* 1746. The folio edition is most esteemed by collectors, and we have known 20s. to be given for a good copy. The demand is limited.

R. A. (147/60).—ALCOHOL STRENGTHS.—For the purpose of obtaining accurate comparison of foreign percentages of alcohol with British proof spirits where different temperatures are employed, it is necessary to use tables in which the comparison has been worked out. Thorpe's "Alcoholometric Tables" (Longmans, Green & Co., 4s.) are the best for this purpose. Similar tables are also given in Thorpe's "Dictionary of Applied Chemistry," Vol. I., p. 67.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Jan. 15, 1870.

Homœopathy.

In devoting a portion of our space monthly, as we propose henceforth to do, to the review of such matters connected with homœopathy as shall, from time to time, come before us, we wish it to be distinctly understood that our province is simply that which is connected with the pharmacy. We cannot, nor do we wish, altogether, to avoid the disputes which now and then rage between the orthodox and heterodox members of the profession, as the classes are invariably distinguished by the allopathic school. But, while we have no wish to take either side in this interesting discussion, and while we shall endeavour to exhibit neither special antipathy nor sympathy with the comparatively new system of medicine, we cannot but admit its singular success, and the almost daily advance which it is making, particularly among the educated and upper classes; and we are bound to accept this success as evidence of the importance of homœopathy to chemists and druggists in a commercial sense.

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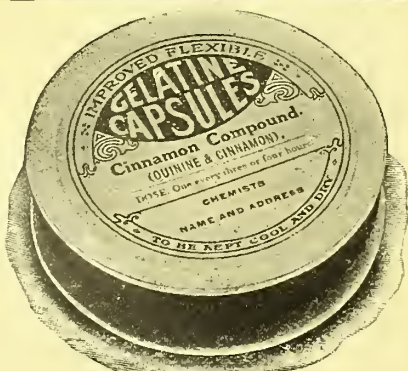
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Formalin (dry) ... $\frac{1}{4}$ gr.
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 Ol. Menth. Pip ... } q. s.

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COMPRESSED TABLETS OF Aspirin.

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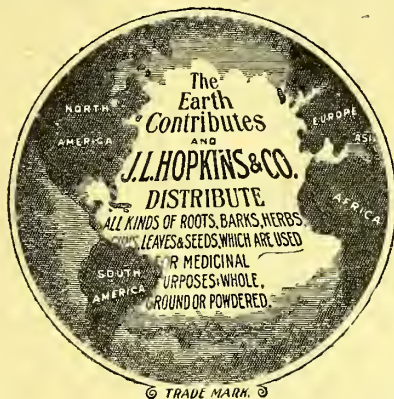
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Chemists' prices, per doz.	17/6	31/-	84/-	152/-	288/-	528/-

JELLY—

Sizes	8 oz.	16 oz.
Retail ...	5/-	8/3
Chemists' prices, per doz.	44/6	73/6

PASTILLES—per Tin, Retail 3/6.

ELIXIP—

Sizes	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
Retail ...	5/-	13/6	25/-	45/-	70/-
Chemists' prices, per doz.	45/-	121/-	223/-	399/-	675/-

OINTMENT—

Sizes	1 oz.	8 oz.	16 oz.
Retail ...	1/3	8/3	16/-
Chemists' prices, per doz.	11/-	73/6	156/-

Chemists' Prices, per doz. 31/6.

The Liquid, Ointment and Jelly are also put up under Green Labels for Veterinary purposes. Sizes and Prices same as above.

All orders must be sent to Wholesale Firms. No free samples given.

Clement & Johnson, ¹⁹ Sicilian Avenue, **London, W.C.1.**

The word "Yadil" is registered in all important countries as a Trade Mark for our Trimethenal allylic carbide.

D.D.D.

Prescription

FOR ALL SKIN & SCALP DISEASES

A well-advertised, high-grade preparation, enjoying a steadily increasing sale. On the P.A.T.A. protected list, giving the retailer a profit of about 25%.

TRADE PRICES.

	per doz.
D.D.D. Prescription 2/9 bottle, M.R.P. Face Value, @	25/6
" " 5/- " " " "	47/-
In two strengths—Ordinary and Strong.	

	per doz.
D.D.D. Soap ... 1/- tab. M.R.P. Face Value, @	8/3
" Shaving Soap ... 1/6 stick " "	13/6
" Vanishing Cream 2/6 jar " "	22/6
" Shampoo Powders 2/6 box " "	22/6

Carriage paid to any part of the United Kingdom.

Showcards, &c., Supplied Free.

D.D.D. Co., Ltd.

3, 5, 7 Fleet Lane, Ludgate Circus, London, E.C.4

TIDMAN'S SEA SALT

(On P.A.T.A. List.)

Owing to the continued advance in all working costs, the prices are as follows from January 1, 1920.

	Minimum Retail Price	Minimum Wholesale Price
1d. Packets discontinued		
3d. " " " "	2/6 per doz.	21/- per gross
1½-lb. Boxes " " " "	5d. each	3/9 per doz.
3½ " " or Bags " " " "	10d. " "	7/6 " "
7-lb. " " " " " "	1/6 " "	13/- " "
14-lb. Bag " " " " " "	2/9 " "	25/- " "
28-lb. " " " " " "	4/9 " "	4/- each
56-lb. " " " " " "	8/9 " "	7/3 " "
1-cwt. " " " " " "	15/6 " "	12/6 " "

Orders of 20/- value and upwards, carriage paid, with 2½ per cent. discount for cash. Packing cases extra and returnable; half-value allowed if kept.

The Profit secured to the Retailers is larger than before

TIDMAN & SON, Ltd.
LONDON, E. 1.

Telegrams: "TIDMAN, WAPPING, LONDON."
Jan. 1, 1920 Telephone: 6179 AVENUE.

WONDERFUL SALES!!

AS EXPECTED, OUR

Attractive Two-Colour Cartons & Five-Colour Showcards

HAVE CREATED AN ENORMOUS DEMAND FOR THE ALL-BRITISH

FUMO-TARACINE

SUPPLIED WITH FREE VAPORISER IN EACH CARTON.

Recommended by the Medical profession
for the treatment of

Influenza,

Asthma	Catarrh
Measles	Sore Throat
Whooping Cough	Bronchitis
Spasmodic Croup	Scarlet Fever
and all Throat and Chest Complaints.	

SPECIALLY EXEMPTED FROM PATENT DUTY STAMP
Send for Trial Order and Showcards.

EXCELLENT TERMS TO THE TRADE

2 oz. 1/4½, 4 oz. 2/3, 16 oz. 6/3.

OBTAINABLE FROM ALL WHOLESALERS OR THE MANUFACTURERS—

THE COAL BY-PRODUCTS COMPANY, Proprietors—PRESTON, HULL & CO., Ltd.
112 HIGH HOLBORN, LONDON, W.C.1.

BEECHAM'S PILLS

WHOLESALE PRICES.

Beecham's Pills :

1s. 3d. size	...	...	...	...	10s. 6d. per doz. net.
3s. 0d. „	...	...	...	...	26s. 6d. „ „
5s. 0d. { new size	...	...	...	...	50s. 0d. „ „
{ contains double the quantity of 3/- box.					

Beecham's Cough Pills:

1s. 3d. size	...	...	...	...	10s. 6d. „ „
3s. 0d. „	...	...	...	...	26s. 6d. „ „

Orders : Minimum quantity £5 value—approximately. | Packages FREE. Carriage PAID.

These Prices are the lowest no matter what quantity is ordered.

TERMS: CASH WITH ORDER.Cheques to be made payable to **THOMAS BEECHAM**, and crossed "Parr's Bank, Ltd., St. Helens."

100% PROFITS **THE RED BAND CHEMICAL CO.** PROFITS 100%

RICHMOND TERRACE, DALRY ROAD, EDINBURGH.

PER 29/- GROSS. 1 DOZ BONUS. PER 50/- GROSS.

ARE YOU AFRAID
TO TACKLE YOUR BREAKFAST, DINNER OR TEA?
DONT! JUST TUCK IN!
THEN HAVE A DOSE OF
BISMUTHATED MAGNESIA
4^{1d.}
GET A BOX AT ONCE AND EAT WHAT YOU LIKE.
MANY HAVE BENEFITED, WHY NOT YOU?

ENJOY YOUR FOOD! EAT WHAT YOU LIKE!
"RED BAND" BISMUTHATED MAGNESIA
4^{1d.}
IN THE BOX WITH THE RED BAND

ENJOY YOUR FOOD! EAT WHAT YOU LIKE!
"RED BAND" BISMUTHATED MAGNESIA
7^{1d.}
IN THE BOX WITH THE RED BAND

12/6 Seidlitz Powders 13/6

Why pay these prices?
Our prices are as follows—

B.P. 1 gross @ 10/6	gross.	4d. carr.	
3-5 "	@ 10/-	"	Net.
6-10 "	@ 9/9	"	Carriage
12-20,,	@ 9/6	"	Paid.

Ol. Junip. Liq. Opt.	...	7/6 lb.
„ Lavand. Ext. Opt.		25/- lb.
„ „ „ Extra		33/- lb.

Inf. Caryoph. Conc. 1-7 1/6 lb.
Guaranteed—B.P. Gallon 1/4 lb.

5% Drugs—carriage paid with Seidlitz.
Opening accounts cheque with order.

Wholesale and Colonial inquiries invited.
Rubber Goods 33 1/3% below usual prices.

ROSS MANUFACTURING CO.,
1. Lingham St., Stockwell, LONDON, S.W.9.

Temporary remises only.
Manchester Agent: W. Harrison, M.P.S., Chorlton-cum-Hardy.

LIQUID BARKOLA COMPOUND

Wholesale 30/- per doz.,
less 10 & 5%. Retail 3/- each.

Each bottle (1 oz.) carries instructions to the chemist
to make up to the following Standard Formula—

Liq. Barkola Comp., 1 oz.; Tincture of
Gentian, 1 oz.; Syrup of Rhubarb, 1 oz.;
Syrup of Ginger, 5 oz.

Chemists charge according to their own scale for dispensing

THE BARKOLA CO., LTD.,
42 Great Dover St., LONDON, S.E. 1.
Proprietors of Barkola Alvexo, Barkola Balm, &c. &c.

"RAILOX"

The best, cleanest, and handiest
NIT AND LICE DESTROYER
NO GREASE OR LIQUID
3d. & 7 1/2d. packet

3 dozen, 6/- 1 gross, 23/6. Discount £1. 2 1/2%, 5%, 5%.
6 dozen 12/- 13 to dozen for cash with order
7 1/2d. size 5/3 per dozen.

Showcards supplied.

Carriage paid.

MILNER'S CHEMICAL COMPANY, LIVERPOOL

HEALO SKIN OINTMENT

WHOLESALE PRICES—1/3 size, 11/6 per doz. 3/- size, 29/6 per doz.

BONUS SCHEME

1/2-doz. free with 4 dozen } either
1 " " " 6 " } size

BOTH quantities Carriage Paid.

WINDOW SHOW ALLOWANCE

5/- for a HEALO Show in your window, and we supply material absolutely free.

Send for particulars of our Scheme.

COLONIAL AND FOREIGN INQUIRIES
ARE SPECIALLY INVITED.

MAURICE SMITH & CO., LTD.,
Manufacturing Chemists, KIDDERMINSTER.

(1)

Never be without



On the P.A.T.A.

The genuine remedy for
ECZEMA, CUTS, BRUISES, SORES, BURNS,
PILES, PIMPLES, BAD LEGS, SORES on
HEAD, CHAPPED HANDS and ALL SKIN
TROUBLES.

Liberal Terms to the Trade.

Apply to your Wholesaler or to

The "ZI-ZI" CO., Newmarket.

Advertising matter free on request.

THE CONQUEROR OF PAIN!

JABEZ WOLFFE'S

Channel Embrocation

The finest preparation for Rheumatism,
Sciatica, Neuritis, Muscular Stiffness,
Sprains, Cramp, Stings and Bites.

Should be stocked by every Chemist.

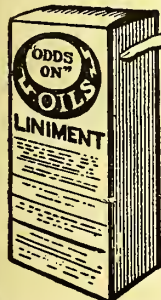
Prices: 1/3, 3/6, 5/6 per bottle.

Trade terms: 25% & carriage paid on orders of £3 & upwards.

The Laboratory, 12 Hampton St.,
BRIGHTON · SUSSEX · ENGLAND.

Agents required for certain areas.

RAPIDLY INCREASING DEMAND FOR



"ODDS ON" OILS

Liniment for RHEUMATISM, SCIATICA, SPRAINS, CHILBLAINS, GOVT,
LUMBAGO, NEURALGIA, CRAMP, &c.

WIDELY ADVERTISED. Retail Prices: 1/3, 3/6, & 8/6 bottles

Obtainable from all Distributing Chemists or direct.

The "ODDS ON" SPECIFICS CO., LTD., 36 & 37 Cock Lane, LONDON E.C.

GELATINES

FINE LEAF GELATINE
PURE CALF

"ALBION" BRAND

(In 1 lb. Packets.
(112 x 1 lb. Packets to Case.)

MADE IN ENGLAND.

FINE CRYSTAL GELATINES.
PURE SKIN GELATINES.
POWDERED GELATINES.

Samples on application from

OURY, MILLAR & CO.,

Telegrams:
"OLMENTH,
LONDON."

9 Mincing Lane,
LONDON, E.C.

Telephone:
4978 AVENUE.

JOHN MURDOCH & CO.

(LATE OF 52 LEADENHALL STREET)

**7 UNION COURT,
OLD BROAD STREET,
LONDON, E.C. 2.***Cable Address :
"Otoscope London."**Telephone No. :
London Wall 9226.*

**BUYERS ON COMMISSION OF
Drugs, Chemists' Requirements, Drapery,
Stationery, Jewellery, Silver and Electro-
plate Goods, Hardware, &c.**

Goods carefully selected from
Manufacturers and Dealers.
Expert knowledge of Best
Sources of Supply.

Business from Wholesale
Merchants and General Stores
of undoubted standing only
entertained.

INDUSTRIE CHIMIQUE LUGANO (Switzerland) offer as SPECIALITIES:

EXTRACT OF MALEFERN (EXT. FILICIS LIQUID)

20/21, 22/23, & 24/25 % Filicin.

RENNET "J.L.P." Powder, for cheesemaking.**RENNET "J.L.P." Junket Tablets, for household use.**

Compared with Rennet Liquid incur no loss in transport and storage.

PURITY and PRESERVATIVE QUALITY absolutely GUARANTEED.

Strictly Wholesale only. Prices on application.

Cables: "Bleachoid, Grace, London."

All inquiries to

Tel. No. : Avenue 7089.

SOLE AGENTS
for U.K. :**PARKER, OXLEY & NAUE,**38 LIME STREET,
LONDON, E.C.3.

WE INVITE INQUIRIES FROM THE

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FOR ALL KINDS OF

VEGETABLE DRUGS (BARKS, FLOWERS, HERBS, ROOTS, SEEDS, ETC.)

We import direct from THE INITIAL SOURCE OF SUPPLY and offer advantageously.

BROOK, PARKER & CO., LIMITED, IMPORTERS OF
CRUDE VEGETABLE DRUGS,
ASHFIELD, HORTON ROAD, BRADFORD.

Francis F. Fox & Co. : Bristol

OILS

METHYLATED SPIRIT

CHEMICALS

DRYSALTERY

TELEGRAMS—
"FOX BRISTOL."

PRICES ON APPLICATION

TELEPHONE—
19 BRISTOL.

PURE

OLIVE OIL

GUARANTEED

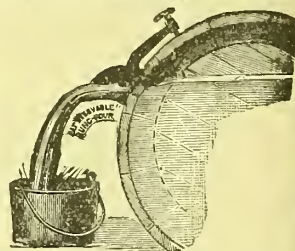
FINEST CREAM,
PHARMACEUTICAL.WHOLESALE
ONLY.**LEON FRENKEL**

10-11 Lime Street, LONDON, E.C. 3.

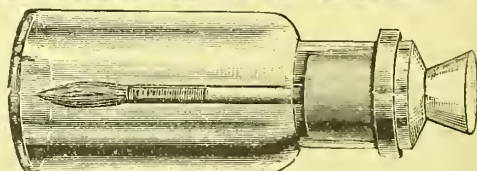
Wells' Removable Bung Pour (PATENTED).

For emptying Casks without Pump, Tap or Stillage. Applied to and removed from any cask instantly. All waste and mess prevented. More rapid in action than a pump. Will fit any ordinary cask from 20 to 60 gallons.

Does not damage the cask.



A. G. WELLS & CO. 90 Midland Road, Gt. Pancras, N.W.1 **LONDON.**



We have a large stock of these bottles in Actinic Green, well fitted. Half-ounce only.

Sample and Price on Application.

Makers for Wholesale Trade.

M. J. FECHER LTD., Ilex Works,
Northwold Road, Stoke Newington, London, N. 16.

WE SOLICIT YOUR ENQUIRIES FOR:—

OLIVE OILS, finest cream edible B.P.
 SALAD OILS
 PETROLEUM JELLY, B.P., White and Yellow
 TURPENTINE, American Spirits and Substitutes
 CASTOR OILS, all grades
 COLZA OIL, finest and burning qualities
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 LINSEED OILS, Raw and Boiled
 MINERAL OILS, Bloomless "Lux" Brands
 WHITE OILS, Slab and Commercial
 LUBRICATING OILS of all descriptions

JAMES ARNOTT & SONS, Ltd., Newcastle-on-Tyne and Cardiff.

Registered Offices: 47 PILGRIM STREET, NEWCASTLE-ON-TYNE.

All Petroleum Products

TECHNICAL AND MEDICINAL
WHITE OILS

PETROLEUM JELLIES,
WHITE, YELLOW, DARK

PARAFFIN WAXES

NEUTRAL OILS,
DEBLOOMED AND UNDEBLOOMED

PALE & RED LUBRICATING OILS

CYLINDER OILS,
STEAM-REFINED, FILTERED

WHOLESALE ONLY

W. J. SMITH

Sole European Representative

The JAMES B. BERRY'S SONS CO. Inc.

110 CANNON STREET, LONDON, E.C. 4

RUBY
GREEN
YELLOW
**BRILLIANTINE
OILS**

Any Quantity—from Stock.
Wholesale Only.

WM. BORTHWICK

1 and 2 Staniforth Place, HULL.

Telephone—Hull Central 4054Y (Trunk only).

Langley-Smith & Co.

Castor Oils, *Medicinal,
Lubricating.*

Colza Oils, *Best Pure,
Prepared.*

Linseed Oils,

*Best Raw,
Double Boiled,
Refined.*

PURE CASTOR OILS

Turpentine,

Best Pure Spirits.

Substitutes,

Best Grades.

Samples and Prices on Application.

**14-20 St. Mary Axe
London, E.C. 3**

Telegrams—"Tallowdom London"

Tel. No.—Avenue 3820.

SPLIT SKINS

R. LECONTE & CO.

Capping Materials Manufacturers

ESTABLISHED
1889

**8 SOUTH ST., FINSBURY,
LONDON, E.C. 2.**

Phone:
London Wall 5072

METHYLATED SPIRIT

OILS AND CHEMICALS.

Buy from one of the Oldest Houses in the Trade.
Write for Prices. **ESTABLISHED 1794.**

SAMUEL THORNLEY, LTD., BIRMINGHAM

White & Half White Oils

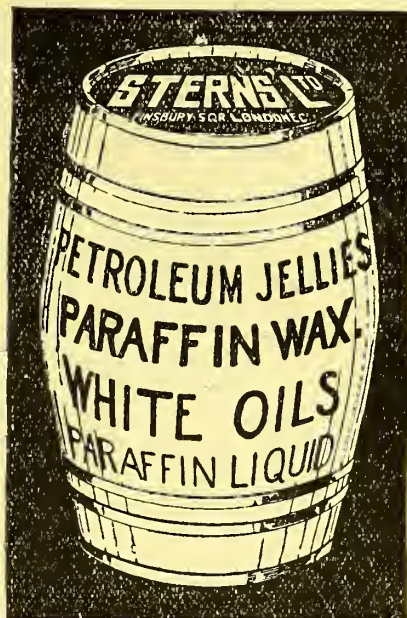
WHITE PETROLEUM JELLIES
WHITE REFINED
PARAFFIN WAXES

HILTON, RIDER & CO. LTD.

Manufacturers, Importers, Exporters

Tel No. Hop 837
" 2829 Gt. Suffolk House,

T.A.: Oribird, Southwark, London, S.E.1
Sedist, London



STERNS LIMITED

A.D.5., Royal London House, Finsbury Sq., E.C.2.

Telephone :
3797 LONDON WALL.
(Four Lines.)

Telegrams :
"CENTUMVIR, PHONEX, LONDON."
(Two Words only.)

PAINTING MATERIALS

Dealers in these materials are advised
to write for complete Price Lists.

WE ARE ACTUAL MANUFACTURERS OF
STIFF & READY-MIXED PAINTS.

"TEXALO" WATER PAINT (in paste form).

"FLINTEX" DRY DISTEMPER (in powder form)

"RAYOLENE" READY-MIXED PAINTS.

VARNISHES, ENAMELS, STAINS, DYES, etc.

Special Lines in Packed Goods & Domestic Preparations.

Rayolene Black Japan

The ideal preparation for Cycles, Fire Ranges,
Mail Carts, Gas Stoves, etc. etc.

	9d. tins	½-pints	pints
RETAIL ...	9d.	1/6	2/9
WHOLESALE	£/6	12/6	24/- per doz.

SPECIAL OFFER.—One box, containing 8 doz.
9d. size (or 4 doz. 9d. and 2 doz. 1/6 tins) sent
carriage paid, box free, for 48.- net; 3 boxes, less
5 % cash discount.

TEXALO MANUFACTURING CO.

Paint & Varnish Manufacturers,
South Shore, Blackpool, Lancs.

We offer

WAXES

PETRO. JELLY

LIQUID PARAFFIN

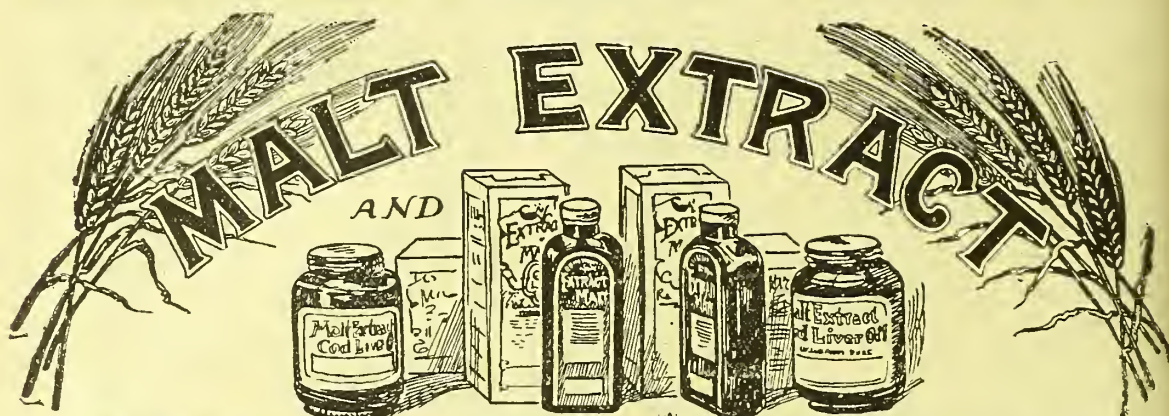
B.P.

WHITE OILS

Send us your inquiries.

J. J. FRANCES & SONS,
LIMITED,

80a Southwark St., LONDON, S.E. 1.



MALT & COD LIVER OIL

Prepared only from the finest East-Coast Barley, Combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lbs. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 gross and upwards.

TELEPHONES:
Kaili-Pollakshaws 14
London-Avenue 5661
(3 lines).

PERRY & HOPE, Ltd.

TELEGRAMS:
"Perryope, Nitshill"
"Perryope, Ltd, London."

NITSHILL, near GLASGOW.

London Office: 1 LEADENHALL STREET, E.C. 3.

Medicinal
non-freezing

COD LIVER OIL

FROM STOCK.

K. MALMBERG,

110 Cannon Street, LONDON, E.C. 4.

AND AT NEW YORK

Telegraphic Address:
"Obtempero, Cannon, London."

Telephone No.:
City 6321.

Extract of Malt and Cod Liver Oil

IN BULK, JARS OR TINS.

Prices on application.

THE
BRITISH DIAMALT Co.
BISHOP'S STORTFORD.

Proprietors { H. A. & D. D. TAYLOR
H. D. & C. T. TAYLOR

GLYCERINE EXTRACT

OF

RED BONE MARROW

(ARMOUR)

Is a palatable combination of fresh raw marrow from the rib bones of calves and chemically pure glycerine—containing hæmoglobin, marrow cells, nucleins, and other blood-forming substances.

The three prescriptions given below for the use of Red Bone Marrow (Armour) will interest every chemist; they are easy to put up, and at this season will find a ready sale. They are, however, only a few of the many uses for Red Bone Marrow.

Children's Tonic.

Ph. J. Formulary No. 7589,
page 880.

Glycerine Extract of Red Bone
Marrow (Armour), Chemical
Food (Syr. Ferri Phos. Co.),
Fluid Extract of Malt.

Of each equal parts.

DOSE:

Under 5 years, one small tea-
spoonful.

Over 5 years, one teaspoonful.

To be taken in water three
times a day after meals.

Red Bone Marrow Tonic.

Alternative Formula.

Ph. J. Formulary No. 0145.

Glycerine Extract of
Red Bone Marrow
(Armour) ... 2 ounces
Easton's Syrup .. 4 drachms
Compound Syrup of
Hypophosphites 4 drachms
Chloroform Water
to make ... 8 ounces

DOSE: One tablespoonful in
a little water immediately
after meals.

Red Bone Marrow with Hypophosphites.

Ph. J. Formulary No. 10145,
page 596.
Pharm. Forms, Vol. II.,
page 559.

Glycerine Extract of
Red Bone Marrow
(Armour) ... 5 ounces
Hypophosphite of
Lime ... 2 drachms
Hypophosphite of
Sodium ... 2 drachms
Simple Syrup ... 2 ounces
Distilled Water to
make ... 2 pints
Mix and Filter.

DOSE: One tablespoonful to
be taken in water immediately
after meals.

Glycerine Extract of Red Bone Marrow (Armour)

Can be obtained of all Wholesale Houses in 4-oz., 8-oz., or 16-oz. bottles; also in
Winchester Quarts.

Special quotations for bulk quantity—1 gall. and upwards, from

ARMOUR & COMPANY, Ltd.

Queen's House,

Kingsway, London - W.C.2



Telephone: Holborn 5900.

Telegrams: "Armorsa a, Westcent, Lon'on."

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK

“FRAME FOOD”



ON P.A.T.A. LIST.

SHOWCARDS FREE.

FRAME FOOD CO., Standen Road, Southfields, London.



LIQ. SANTAL FLAV.
C. BUCHU et CUBEBA

(Hewlett's)

Packed for dispensing only,
in 14, 22, 40 and 90 oz. bottles.

"Experience has shown this
preparation to possess the
same efficacy as Santal Oil
itself. It mixes clear with
water, and has a taste by no
means disagreeable."

The Practitioner.

VIROPHOS

Of proved utility in Nervous Diseases,
and a powerful Restorative for the
Digestive Organs and Nervous System.

A Valuable Tonic Food for Children.

"It is of high nutritive value—
enhanced by the presence of assimilable
phosphates."—*The Lancet.*

WHOLESALE PRICES.

No. 1.	1½ oz. Tin ...	9 - per doz.
" 2.	3½ " " " "	14 6 "
" 3.	6½ " " " "	24 - "
" 4.	12 " " " "	42 - "

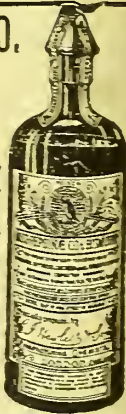
MIST. PEPSINÆ CO.
C. BISMUTHO

(Hewlett's)

Packed for dispensing only,
in 10, 22, 40 and 90 oz. bottles.

"Obviously likely to be of
much advantage in the fre-
quent cases of irritative
dyspepsia, with atony of
gastric or intestinal mus-
cular layers."

British Medical Journal.



Introduced and Prepared only by C. J. HEWLETT & SON, Ltd., Wholesale Druggists, 55-57 Charlotte St., London, E.C. 2.

MALTED FOOD FOR INFANTS
supplied in bulk, or packed
with Chemist's own name.

For Terms apply—

WHYSALL'S FOOD CO. Ltd., Grantham.

CHELTINE MILK & MALTED FOODS

No. 1, from birth to five months.
No. 2, from five months onwards.
No. 3 for Invalids, Dyspeptics, the aged,
and those with enfeebled digestion.

Experience is proving, and medical men are testifying to the value
of these perfect Foods. Terms and full particulars from

THE CHELTINE FOODS CO., CHELTENHAM.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY CO. LD.

The Largest Makers in the Kingdom.

BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St., Liverpool.

Vinum Xericum

BUTTS. 108 galls. HOGSHEADS. 54 galls. QR. CASKS. 27 galls.

STRENGTH 17°

James V. Oldham

19 St. Dunstan's Hill, London, E.C. 3.

Telephone: Avenue 3013.

SELLING AGENTS AND TRAVELLERS.

"FREMLIN-ROGERS"
MILK STERILIZER

(STEAM-HEATED)

for Hospital, School, Dairy,
Hotel and Domestic use.

Liberal discount allowed Agents,
and commission to Travellers.

Write for particulars to "MILK STERILIZERS,"
24 Buckingham Street, Strand, London, W.C. 2.

VITMAR

THE NEW FOOD FOR GROWING CHILDREN

is now in great demand

Chemists can obtain it
from their Wholesalers

RETAIL PRICE - **2/3** per jar

WHOLESALE PRICE **21/7** per doz.



MANUFACTURED BY

CALLARD & CO.

CALLARD, STEWART & WATT, LIMITED,

Food Specialists,

74 REGENT STREET, LONDON, W. 1.

Price of Osmos.

The Proprietors of this popular Water regret that, owing to the steady rise in the price of Bottles, Transport, etc., they have been reluctantly compelled to raise the price of

Osmos

The Great British
Aperient Water

Osmos from 2/- to 2/6 per bottle, as from 1st January, 1920. They have, however, **increased** the rate of Profit to both the Wholesale and Retail trade. Particulars on application.

Osmos, Crown Wharf, Hayes, Middlesex.

CURACEA

P.A.T.A.

P.F.G.D.

LIQUID NERVE TONIC

£5 BONUS ORDER.

			Cost	Sells for
			£ s. d.	£ s. d.
5 doz.	1/3	@ 11/-	2 15 0	3 15 0
2 "	2/9	@ 24/-	2 8 0	3 6 0
			5 3 0	7 1 0
5% dis for cash			5 2	
			4 17 10	
BONUS. 1 doz. 1/3 or 1/4 doz. 5/-			15 0	
			£7 16 0	

Sells for £ 7 16 0
Cost £ 4 17 10

PROFIT £2 18 2

= **60%**

Attractive Showcards and Counter Bills. Orders executed per return. Special Prices for Ireland. All Orders Carriage Paid

CURACEA CO., ELM GROVE, LONDON, S.E. 15.

New Customers every day
for all who stock

WINOX

WINE FOOD



Extensive Advertising is creating a colossal demand for WINOX, the finest Medicated Wine on the market, and the only Tonic Wine selling entirely on merit.

Secure stocks to-day and double your turnover.

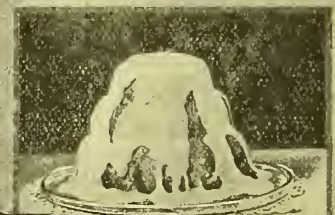
WINOX WINE FOOD is a high-class Pharmaceutical Wine, containing all the food elements of wine, prime English beef, malt, and unf fermented grape juice, a triumph of concentration without drugs. Complete Analysis on every bottle.

Invaluable in cases of Influenza, Anæmia, Neuritis, Gastritis, Neurasthenia, Indigestion, Neuralgia, Nervous Breakdowns, and other Nervous and bodily weaknesses. It is the ideal Tonic for Convalescents.

Write for particulars of this
41% Profit Proposition
to-day.

WINOX, LTD., RICHMOND, SURREY.

Freemans Custard Powder



For Palatable Puddings

Makes
Delicious
Hot Sauce



MADE IN DELECTALAND

**IMPORTANT !***Established 1785.*

R. J. FULLWOOD & BLAND'S world-renowned Rennet and Annatto command a very much larger sale than any other brands in Great Britain, and are recommended at THE PRINCIPAL DAIRY INSTITUTES. The only firm in Great Britain manufacturing Rennet and Annatto on a large scale.

Established with British Capital.**R. J. FULLWOOD & BLAND'S***"Dairy" Brand.***RENNET***Revised Wholesale
Prices, 1920.**"Stag" Brand.***ANNATTO**

R. J. F. & B.'s "Dairy" Brand Rennet.			R. J. F. & B.'s "Stag" Brand Annatto.		
Rennet in Bulk, in casks 4½ to 100 gallons.			1 Gallon	...	Per Dozen 156/- Net
17/- per gallon, Net			½	"	81 - "
1 Gallon Jars	...	Per Dozen, 228/-	Quart	...	42 - "
120/-	"		Pint	...	24/- "
63/-	"		½ Pint	...	15 - "
33/-	"		¼	"	9/- "
20/-	"		1/8	"	4/6 "
12/-	"		1/16	"	4/6 "
7/-	"		1/32	"	9/- "
					Annatto Butter Colouring
					4/6 "
					9/- "

Quotations for Essence of Rennet, Junket Powder and Butter Colour sent on application.

Annatto Works and Offices:—

31, 33 & 35 BEVENDEN ST., HOXTON, LONDON, N.1**RENNET WORKS, ELLESMERE, SALOP.**

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.)

Prepared in strict accordance with the Formula of the British Pharmacopœia.

(Wholesale only)

London Agent: JAMES STIRTON, 43 GREAT TOWER STREET, E.C.3.

Telephone: 138 Pendleton. ESTABLISHED 1855. Telegraphic Add.: "Champagne Manchester."

B. ROBINSON & CO., Ltd.**PENDLETON, MANCHESTER.****CONCENTRATED WATERS****Aqua Amygd. Amar. Conc. (U.S.)**

" Anethi Concent.
" Anisi
" Camphoræ
" Caryophyl
" Carui
" Cinnam. Ver. Conc.

Aqua Cassiæ Conc.

" Flor. Aurant. Conc.
" Sambuci Conc.
" Fœniculi Conc.
" Menth. Pip. Conc.
" " Ang. Conc.
" " Virid. Conc.

Aqua Pimentæ Conc.

" Pulegii
" Rosmarini
" Rosæ
" " Virgin Conc.

WHOLESALE TERMS ON APPLICATION.

Robinson's Concentrated Waters are stocked by all the best known Drug Houses. Chemists are advised to get into direct communication should they experience difficulty in obtaining them. They are unsurpassed by any other make.

STANDARDISED Customs drawback on Export Orders now allowed. Inquiries solicited, which shall have TO B.P. 1914. prompt attention. Samples **Free to the Trade.**

NOTE.—These ORIGINAL Concentrated Medicinal Waters (1-40) still maintain their foremost position. REFUSE ALL SUBSTITUTIONS OR IMITATIONS.

NEW PRICES
OF

Increased cost of manufacture
compels a rise in the prices of
"New-Skin" as follows:

	Retail Prices		Trade Prices
Pocket Size	10½d.	Corresponding	8 5
Medium "	2/-	Increase in	19 2
Physician's "	3/-	Trade Prices	28 9½

£3 and upwards Carriage Paid.

MODERATE STOCKS ARE NOW IN HAND.

Order through your Wholesaler, or direct—

J. E. GARRATT,
96 SOUTHWARK STREET, LONDON, S.E.1.

P.A.T.A. NOTICE.

113 Temple Chambers, E.C. 4.

Jan. 17, 1920.

ALLEN & HANBURYS' BYNOL
(Malt) and Cod Liver Oil):

Through an oversight, the Minimum Retail Prices were quoted in Messrs. A. & H.'s advertisement on the front cover of the DECEMBER "ANTI-CUTTING RECORD" as 2/3 and 4/- The correct M.R.P. are 2/9 and 5/-, as quoted in the Protected List on p. 9 of the NOVEMBER "ANTI-CUTTING RECORD."

The following revised prices are now in force:

Advertised Price.		Minimum Retail Price.	Minimum Wholesale Price.
7d.	Grossmith's Cachous (tins)	7d.	4 5½ doz.
"	" (bulk)	9½d. oz.	8 2 lb.
2/6	Palmolive Cold Cream (jars)	2/6	20/- doz.
1/9	" Shaving Sticks	1/9	14/- "
1/9	" " Cream	1/9	14/- "
1/6	" Talcum Powder	1/6	12/- "

MARTINDALE'S



P.A.T.A.

GOODS

ARE

LARGELY
PRESCRIBED

Please stock them.



W. MARTINDALE,
10 NEW CAVENDISH ST., LONDON, W.

Telegrams:
"MARTINDALE, CHEMIST,
WESDO, LONDON."

(3 words).

Telephones:
GERARD 4688
PADDDINGTON 1777

THE
"IRIS" SEALING
MACHINE

STRONG
SIMPLE
EFFECTIVE

If you are not already using our
GUMMED TAPE for your parcels and
packets, it is worth your while to send
for samples and prices.

R. A. STEPHENSON, LTD.

130 Queen Victoria Street,
LONDON, E.C. 4.

Telephone:
CITY 2577.

Telegrams:
"ECONORAST, CENT, LONDON."



SIZES.		SELLING PRICES.		CHEMIST'S PROFIT.
2 oz.	...	2/-	...	8d.
4 oz.	...	3/-	...	1/-
8 oz.	...	5/-	...	1/8
16 oz.	...	9/6	...	3/2
		19/6		PROFIT 6/6
		33 $\frac{1}{3}$ % Trade Discount 6/6		on 13/-, showing
		Cost to Chemist 13/-		50% PROFIT.



THE things you show are the things you sell. SHOW SANAGEN and you will make customers who will continue buying it because of its Nerve and Brain-strengthening aid. On every sale you make 50% on your stock investment cost. A REGULAR CAMPAIGN OF ADVERTISING TO HELP YOU.

GOLD MEDAL AT INTERNATIONAL MEDICAL CONGRESS, LONDON.

Sanagen

NERVE FOOD Trade Mark Regd.

SIZES AND PRICES:

2-oz.	2/-	4-oz.	3/-	8-oz.	5/-	16-oz.	9/6
-------	-----	-------	-----	-------	-----	--------	-----

OF ALL WHOLESALE HOUSES AT 33 $\frac{1}{3}$ % DISCOUNT.

SANAGEN CO., LTD.

SHEPCOTE LANE, BATTERSEA, - LONDON, S.W.11

TELEPHONE: VICTORIA 2031



No article is more liable to affect your reputation for "good value" than so-called cheap Hot Water Bottles.

The Silvertown Bottle is the product of over 60 years' experience of rubber manufacture and gives reliable service. Please send us your inquiries.

The
India Rubber, Gutta Percha & Telegraph Works Co. Ltd.

(The Silvertown Company)

HEAD OFFICE: 106 Cannon St., London, E.C.4. WORKS: Silvertown, London, E.16.

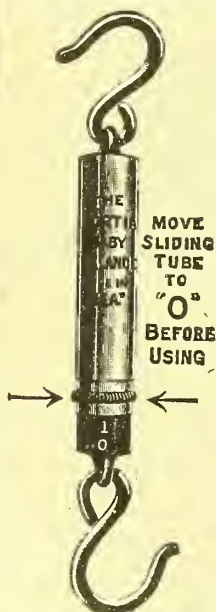
Silvertown

BRANCHES:

HOME—Belfast, Birmingham, Bradford, Bristol, Cardiff, Dublin, Glasgow, Liverpool, London, Manchester, Newcastle-on-Tyne, Portsmouth, Sheffield.

ABROAD—Adelaide, Buenos Aires, Calcutta, Christchurch (N.Z.), Durban, Johannesburg, Melbourne, Sydney.

Just Arrived.



A Limited Consignment of
THE
"PORTIA"
(Regd.)

NET WEIGHT
Baby Balance

Weighs up to 15 lb.

Price	Retail
30/-	3/6
dozen.	each.

Owing to restricted imports this line has been off the market for some time, and we think that many friends will be glad of the opportunity of renewing their stock.

SOLPORT BROS., Ltd.
184 to 190 Goswell Rd., London, E.C.1.

Obtainable through all Wholesale Houses.

Spotted First!

Could you say that of your advert? Does your advert, require careful search before you see if it has been inserted? You want good results from your advertising—and can get them by attracting the maximum attention when you use our **BUSINESS BRINGING BLOCKS.**



R.156 3/6

Send a page of the newspaper with your advert. on, and we will forward illustrations of our **Business Bringing Blocks** to make your advert. "stand out."

CHEMISTS' DESIGN SERVICE,
12 Humberstone Gate, LEICESTER.

WHOLESALE ONLY. Established 1901
MANUFACTURERS OF

Surgical Dressings,
Absorbent Lints, Bandages,
Cotton Wools, Gauzes, &c.

Samples and prices on application.

VERNON & CO., Ltd., Penwortham Mills, **PRESTON.**

Also 9 Fore Street Avenue, LONDON, E.C.

Branch Works—Waterfold Mill, Heap Bridge, BURY.

Every
"Ronoleke"
 REGD.

You Sell

makes a Customer for your other Lines

The fact that the "Ronoleke" Bottle CANNOT leak makes satisfied customers who will have confidence in coming to you for all their other needs. Make sure of your supply of "Ronoleke" Guaranteed Unleakable Hot Water Bottles by ordering through your Wholesale House right away NOW.

They will supply you also with attractive advertising material, and the "Ronoleke" itself will advertise you in every purchaser's home.



Revised Prices.

Protected on the P.A.T.A. List.

Size	Minimum Wholesale Prices to Retailers	Minimum Retail Prices to Public
6" x 8"	5/3	6/10
6" x 10"	5/10	7/6
7" x 10"	6/-	7/9
6" x 12"	6/2	8/-
7" x 11"	6/3	8/1
8" x 10"	6/7	8/6
7" x 12"	6/9	8/9
6" x 14"	6/9	8/9

Size	Minimum Wholesale Prices to Retailers	Minimum Retail Prices to Public
8" x 12"	7/4	9/5
9" x 12"	7/9	10/-
8" x 14"	8/-	10/3
10" x 12"	8/3	10/7
10" x 14"	9/3	11/11
10" x 16"	10/1	13/-
12" x 14"	10/4	13/3
12" x 16"	11/-	14/2

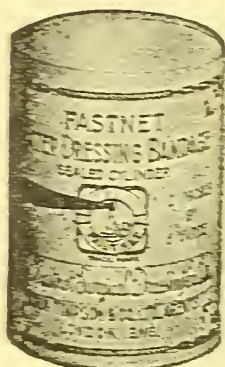
Your Wholesale House will supply you



SATISFY YOUR CUSTOMERS The "Fastnet" BANDAGES

In Sealed Cylinders.

Used by Discriminating Medical Men.



The following are a few of the many advantages of the "Fastnet" Bandages over any other Water-dressing Bandages on the market:—

- (1) The cloth from which they are made is of even manufacture, very absorbent and heavy texture.
- (2) They are tightly rolled by a patent process, the benefit of this will be at once appreciated by the surgeon when applying.
- (3) They are cleanly cut and evenly packed.
- (4) They are each packed in a sealed cylinder, ensuring cleanliness in use and in storage, and require no further wrapping before sale.

Samples and prices can be had on application to Sole Agents:—

JOHN TIMPSON & CO., Ltd., 104, 6 Golden Lane, London, E.C.1

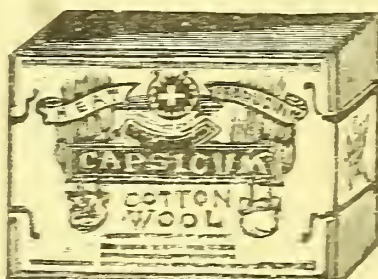


Capsicum Cotton Wool.

METHYL SALICYLATE.

PACKED IN ATTRACTIVE CARTONS.

SMALL
SIZE,
6/-
DOZ.



LARGE
SIZE,
11/6
DOZ.

Special Quotations for Large Quantities.

ARTHUR BERTON, LTD.,

15-17 Worship Street, LONDON, E.C.2.

Telegrams: "Arthur Berton" London. Phones: LONDON 5 WALK 807, CITE 888.

EXCELSIOR CREPE BANDAGES. FAST EDGE.

Owing to the War, the supply of Crepe Velpeau Bandages is discontinued. We are, therefore, placing on the market a bandage of English manufacture which will be sold as

BANDAGE
EXCELSIOR
CREPE
NAME



GIMBER'S EXCELSIOR
CREPE BANDAGE

TRADE MARK. An Elastic Bandage. Containing no India-rubber. Superseding Elastic Stockings, Webs, Bandages, and at half the cost. Three sizes, about 2, 3, and 4 inches wide. Excelsior Crepe Abdominal Binders.—Useful after many Abdominal Operations, and for ladies after confinements. Two sizes: 8 & 11 in. wide.

CAUTION.—Beware of fraudulent and useless imitations, and reject all Bandages not bearing the above Trade Mark on the Wrappers.

W. GIMBER & SON, Surgical Bandage and Instrument Makers, 44 Queen's Rd., PECKHAM, LONDON, S.E. And of all Wholesale Druggists, Chemists, Surgical Instrument Makers, &c. Telephone: New Cross 1601. Descriptive Circular & Price List on application.

BEST ENGLISH MAKE

SEA-TANGLE TENTS

(GLAMINARIA DIGITATA)

For dilating the OS and CERVIX UTERI.

Introduced by SIR JAMES SIMPSON, M.D.

SPECIAL ADVANTAGES.

- Firstly—They are cheaper in price than Sponge Tents.
- Secondly—More easy of introduction.
- Thirdly—More potent than dilators.
- Fourthly—Cleaner in their use.

Lecture by PROF. SIMPSON, "Tangle Tents," at the Obstetrical Society of Edinburgh. — See Edinburgh Medical Journal for July 1864.

Manufacturer E. BRASSE (late R. Manson) Culvert Works, Culvert Road, South Tottenham, London, N. 15

HOT WATER BOTTLES AND AIR CUSHIONS

THE "EMPIRE" BRAND

One Quality only—THE BEST. Guaranteed for 2 years.



	Sizes	6x8	6x10	6x12	8x10	8x12	8x14	10x12	10x14
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Heavy weight	each	4 0	4 4	4 8	5 0	5 6	6 0	6 3	7 0
Covers, scarlet or grey plush	..	1 5	1 8	1 10	2 0	2 2	2 8	2 10	3 3

Fig. 1194. The "EMPIRE" Red Indiarubber Air Cushion.

	Sizes	14	15	16	17	18	19	20 ins.
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Circular Shape	each	8 0	9 0	10 0	11 0	12 0	14 0	16 0
Square shape	..	12 0	13 6	15 0	16 6	18 0	19 6	22 0

Fig. 567.—Side Handle.

5% discount allowed for prompt cash off above prices.

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Clinical Thermometers, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Pessaries (Quinine), Rubber Sponges, Splints, Sponge Bags, Tooth Brushes, Trusses, Water and Air Beds, Water and Air Cushions, Waterproof Sheetting, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE.

OUR GOODS ARE RIGHT.

MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.

91 & 92 GREAT SAFFRON HILL, LONDON, E.C.1.

ENEMAS!!

BLACK

Best English Make.

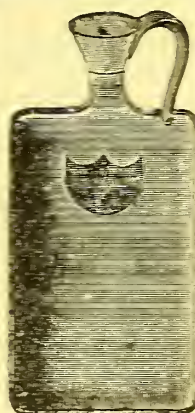
Complete in boxes

per **27/-** doz.

THOS. SWALES,

Druggists' Sundryman,

24 BUTTS' COURT & 89 ALBION STREET,
LEEDS.



VINCENT WOOD'S

(GOLD MEDAL, GUARANTEED)

Hot Water Bottles

6 6lb. 12x8 weighs under 13 oz.

Covers for same, assorted sizes, 21/- doz.

BELTS TRUSSES SUSPENSORIES

& Surgical Appliances

AT LOWEST CURRENT RATES

91 & 93 Newington Causeway,
London, S.E. 1.

GOOD SELLING LINES. GOOD PROFITS.
AND ABSOLUTE SAFETY IN STOCKING

"HOBSON'S CHOICE"

FEET PLAISTERS AND POWDERS

STOCK IS RETURNABLE AT ANY TIME, FOR
ANY REASON, AND FULL PRICE REPAID.

For Prices and Samples apply to

HOBSON, TRIMBLE & CO., LTD.

Union St., and Market, LEEDS,
or your own WHOLESALE HOUSE.

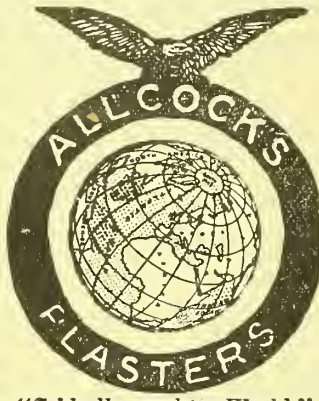
ESTABLISHED 1847.

Alcock's PLASTERS

A REMEDY OF 70 YEARS' STANDING.

Allcock's Plasters
Allcock's Corn and
Bunion Plasters
Brandreth's Pills

*The
Three
Reliables.*



Prices and Terms
on
application to
**ALLCOCK
MANUFACTURING
COMPANY**
22, Hamilton Sq.,
Birkenhead,
England.

"Sold all round the World."

Mustard?

—Yes! **RIGOLLOT'S**
Mustard Leaves

for Plasters.

The original and only genuine.

Of all Chemists and Stores in

7d. & 1/- packets & 1/7 tins.

**67 Southwark Bridge,
LONDON, S.E.**



Belladonna Plasters. Breast Plasters.

Attractively wrapped, best quality, readily saleable.

Breast Plasters are shaped and have small unperforated margin.

ZOPLA (Zinc Oxide Plaster) in small attractive tins in three colours.

Also on spools and in rolls. *The most popular Strapping.*

Strengthening, Corn and Bunion, Mustard, Rubber Adhesive, Holland Strapping, Plumbi Base, and all other Plasters.

HELVIA CRÉPE BANDAGES.

Write for complete List. WHOLESALE ONLY.

LESLIES, LTD., 62 London Wall, London, E.C. 2.



"NORVIC" CRÉPE BANDAGE

(REGD)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.

Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norvic Crêpe Bandages, containing wool, will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

The NORWICH CRAPE CO. (1856) Ltd. (ST. AUGUSTINE'S), Norwich, Eng.

Provincial Selling Agents, **Freese & Moon, Ltd.**, 59 Bermondsey Street London S.E. 1.
London Buyers can obtain samples & prices from **Mr. T. Eastaway**, London Representative, 7 Wool Exchange, E.C. 2.



*Always so
clean.*



HIGH CLASS SURGICAL DRESSINGS

Twelve months ago

We decided to approach the Retail Trade direct as well as through the usual wholesale channels.

To-day

Despite predictions to the contrary, we find results attained are highly satisfactory, and we venture to hope that our action has been mutually beneficial.

At this time

We cordially thank the trade for the co-operation and assistance given during the difficult period of changing over from war work to normal trade, and we extend to one and all our hearty greetings

For the New Year

We wish the trade the greatest prosperity and success, to which we hope we may have the honour of contributing.

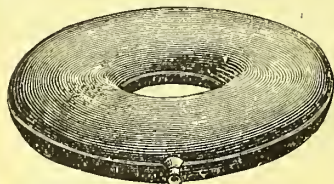
ROBERT BAILEY & SON,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C 5TH EDITION.

THIS WEEK—SPECIAL OFFER

AIR CUSHIONS.

RED RUBBER.

BRITISH MAKE.



12 in.	4/11	each
13 "	5/4	"
14 "	5/10	"
15 "	6/4	"
16 "	6/11	"
17 "	7/7	"
18 "	8/3	"
19 "	8/11	"

Unique Value.
Satisfaction Guaranteed.
No Regrets.
JAMES TOMPKINS, Ltd.,

THE RUBBER HOUSE,

386 CITY ROAD, LONDON, E.C.1.

ALL-BRITISH. ESTABLISHED 44 YEARS
Phone: CITY 7640

ALL KINDS OF SURGICAL RUBBER GOODS.

RUBBER CORKS

IMPORTANT

It is not generally known that Corks made of Rubber are to-day 25% cheaper, are more serviceable, reliable, and give greater sealing facilities than any other kind. We specialise for the requirements of the Chemical Trade, and manufacture all standard sizes.

Drab Ammonia Proof. Drab Acid Proof.

Prices for 8-oz. Bottles ... **3 3** 4/3 per gross
" 16-oz. " ... **4/9** 5 9 ..

Other sizes—Prices on Application.

SPECIAL PRICES FOR LARGE QUANTITIES.

We also manufacture BUNGS for ½-gall. and 1-gall. Jars.

RED & BLACK RUBBER CORKS of the Best Quality for Laboratory use.

Inquiries Solicited.

Garden City Rubber Company

Manufacturers of all Rubber Specialities for Medical, Chemical & Laboratory use,

Letchworth, Herts.

Telephone: Letchworth 54. Telegrams: "Rubber Letchworth."

PURE WHITE UNLEAVED ABSORBENT COTTON WOOL.

1 lb. 1/5½; 8 oz. 1/6½; 4 oz. 1/7½; 2 oz. 1/9½; 1 oz. 1/11½ per lb. Carr. paid, 28 lb. as above. Special prices for 5 cwt. and upwards Mag. Carb. Lewis, B.P., 1/- lb. Mag. Sulph. B.P., 2/- cwt. Borax and other Chemicals. Terms—Cash with Order.

J. L. STANSFIELD, Chemist, Boothfold, Waterfoot, nr. Manchester.

NAIL

FILES,
SCISSORS,
CLIPPERS,
INSTRUMENTS.

—TWEEZERS & FORCEPS.—

Special quotations to large buyers.

HENRY W. Scurr, Henry Rd., Slough

SURGICAL SUPPLY Company
FOR

ELASTIC HOSIERY

ELASTIC CORSETS

(The corset of the future—the acme of perfection.)

ELASTIC BUST SUPPORTS

ELASTIC BELTS

Also Enemas, Hot Water Bottles, Bathing Caps, Air Cushions, Rubber Gloves, Douche Cans and Fittings.

The SURGICAL SUPPLY COMPANY,
4 PICCADILLY, MANCHESTER.

50% ON COST
33½% ON SALES

guaranteed by selling the

'Pryma' Nail Clipper



The finest Nail Clipper on the market. British manufacture throughout, of finest quality steel. Heavily nickel-plated, and perfect finish. Delivery from stock, fastened 12 or 24 on card. Sells at sight, and gives satisfaction to Chemist and customer alike.

16/- doz. Fixed price 2/- each.

Write to-day for Sample Card

To be obtained from all the leading Factors, or from the Proprietors,

WARMINGTON, TURNER & CO.

11 QUEEN VICTORIA STREET,
LONDON, E.C. 4.

Telegrams: "Ocwarmitur, Cannon. London."

Phone: Central 7551.

WILKINSON SWORD CO. LTD.
PALL MALL, LONDON

THE LEADING FIRM OF RAZOR MANUFACTURERS

*There is no doubt about the Wilkinson
"1920 Model" Safety Shaver—Read this—*

THE WORLD says:—"For solid comfort in shaving, The Wilkinson '1920 Model' is an acquisition that counts."

THE IRONMONGER says:—"The outfit should not require much pushing with that class of buyer who is prepared to pay 30/- for a complete outfit, as it is admirably made and embodies really more than the 'Big Four Features.'"

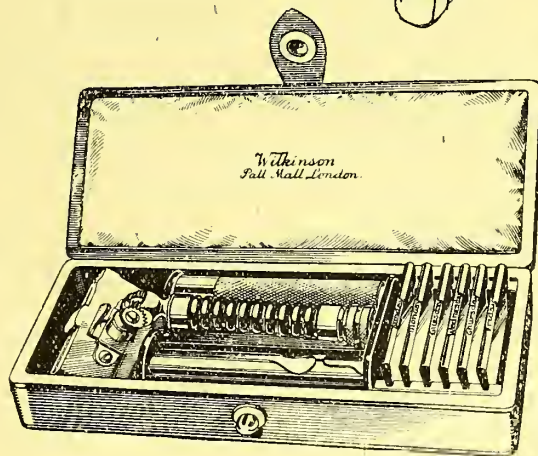
THE HAIRDRESSERS' WEEKLY JOURNAL says:—"The latest thing in Safety Shavers—There are four points that place this Shaver above any other on the market."

THE HARDWAREMAN & IRONMONGERS' CHRONICLE says:—"Quite the best Safety Shaver we have seen."

PRICE 30/- each.

Complete in neat leather case with stropping handle.

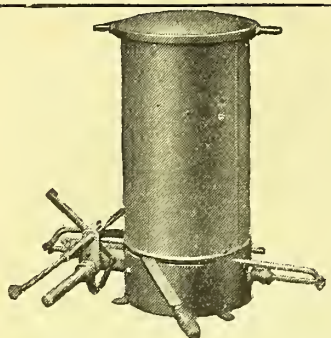
LESS DISCOUNT TO THE TRADE 30 %.

THE BLADE
with the power
behind its
EDGE.An
Adjustable
HeadA
Revolving
GuardA Real
Solid BladeA Quick
Release for
the BladeNeat Case
with seven
Blades—
solid and
lasting—
each etched
with the day
of the week*Write for Price Lists of ordinary Razors and Safety Shavers*

ALL ORDERS AND INQUIRIES TO

THE WILKINSON CUTLERY CO. LTD.

"Tudor House," Rathbone Place, Oxford Street, London



Tube Filling Machine for semi-liquids.*

THE "CENTRAC" MACHINES

for Filling Bottles, Collapsible Tubes,
Pots, Jars, etc. and for closing
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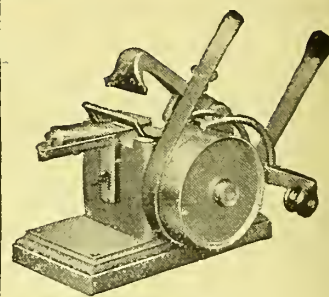
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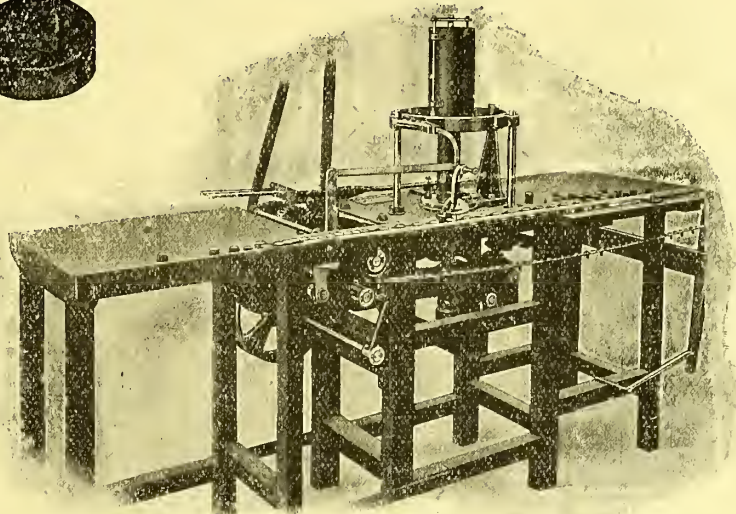
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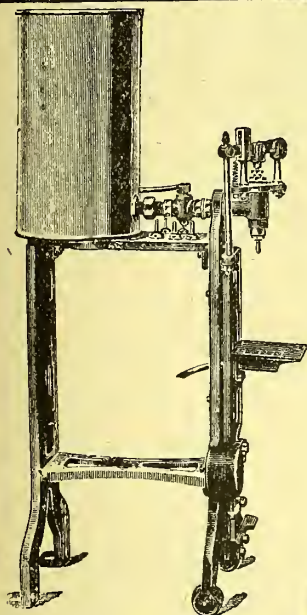
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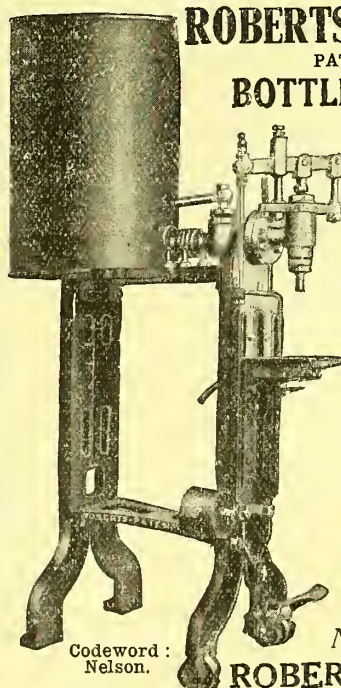
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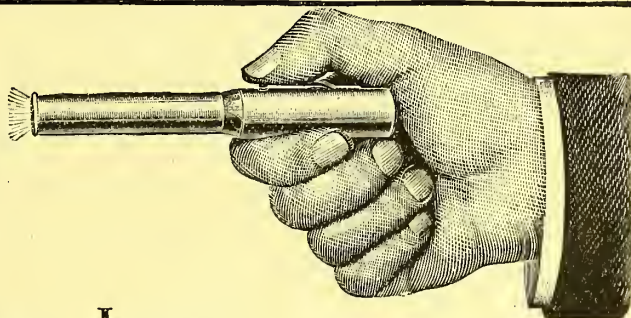
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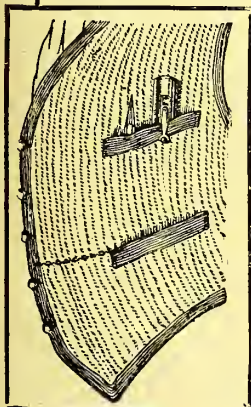
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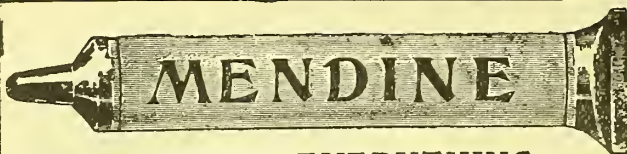
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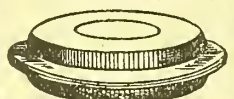
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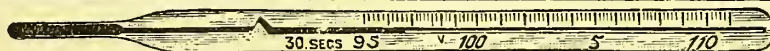
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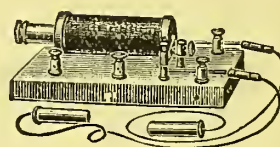
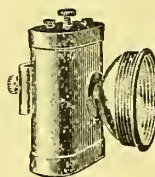
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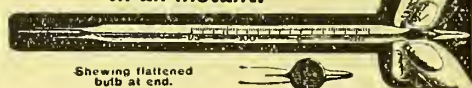
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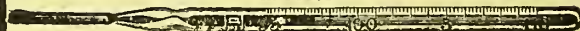
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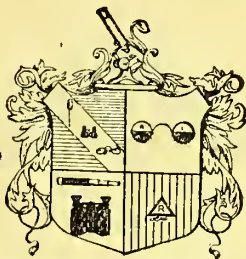
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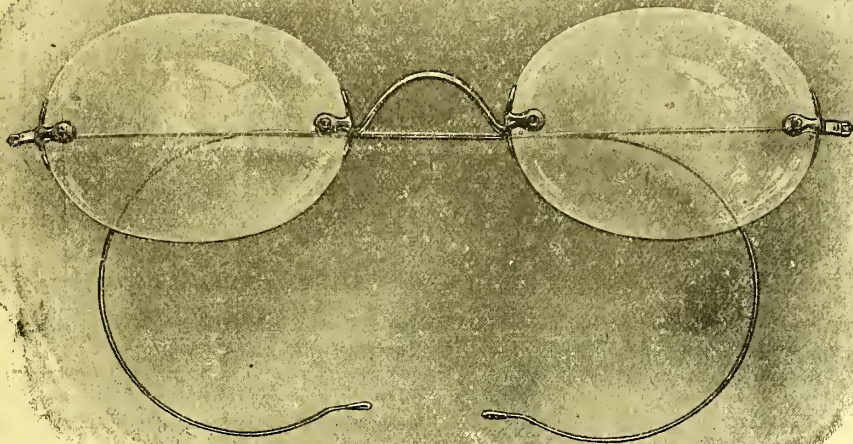
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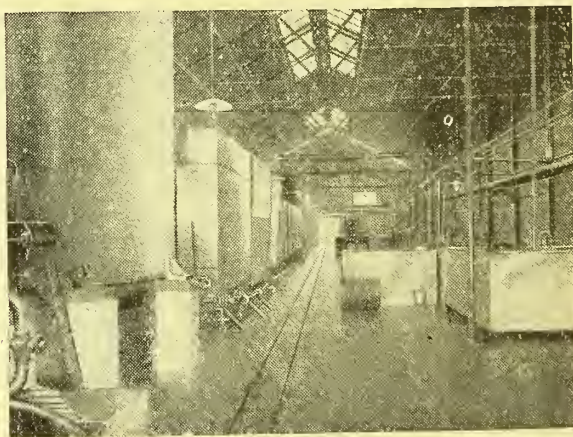
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Paraffinum Liquidum
B.P. ("Russolax.")
is being manufactured in



our rebuilt refinery at Silvertown.

It is the most perfectly refined medicinal oil on the market
and can be obtained from all wholesale chemists.

PHARMACEUTICAL DEPT

SILVERTOWN LUBRICANTS LIMITED,

MINOCO WHARF, WEST SILVERTOWN.

E.16.

NOTICE.—Our whole output is disposed of until the end of March.

THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST.
LONDON, E.C.4.

JANUARY 17, 1920

This Supplement is inserted in every copy of The Chemist & Druggist

THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution: Our readers will please note therefore that, in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case

ADDRESSED WRAPPERS STAMPED ONE PENNY

must be sent. Loose stamps will not be accepted.

EARLIER CLOSING FOR PRESS. Will advertisers please note that until further notice it will be necessary that Advertisements intended for the Supplement must reach us not later than the **FIRST POST THURSDAY MORNING.**

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No.: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

—LONDON, S.W.—Good-class Business, chiefly Dispensing, at prices; well-appointed pharmacy; position unique; *net profit* 100; price to be agreed equitably.

—LONDON, S.W.—Family Retail and Dispensing Business; rent hands 11 years; gross receipts average between £900 and £1,000; *net profit* £350; stock and fixtures estimated at £500; price £850, or valuation and sum for goodwill to be agreed.

—LONDON, N.—Ready-money Business; returns between £500 and £3,000 per annum; *gross profit* 50%; small working premises; rent £60, on lease, or freehold may be purchased; price, valuation and sum for goodwill to be agreed.

—LONDON, N.W.—Ready-money Business; returns, present rate, £30 per week; *gross profit* about one-third; rent £50; no opposition; price to be arranged.

—LONDON, N.—Ready-money Business, situate in busy main thoroughfare; returns £1,200; *gross profit* 50%; house has 3 rooms; rent £30; price £800.

—LONDON, N.—Modern well-fitted shop, situate in main thoroughfare; trade comprises Retail and Dispensing; gross receipts over £300; modern house; new lease; price to be agreed.

—WARWICKSHIRE.—Old-established Business, Retail and Wholesale, in Packed Goods; gross receipts exceed £8,000, and during the past three years the *gross profit* has averaged £2,031 per annum; the premises are held on long lease at a rental of £60; price about £3,000; a banker's reference will facilitate business.

8.—SOUTH WALES.—General Retail Business, in present hands many years; returns £2,500; single-fronted shop; held on long lease at a moderate rental; further details on application.

9.—HOME COUNTY (charming locality).—Good-class Retail and Dispensing Business; returns this year approach £4,000, at good prices; double-fronted shop; convenient house; large garden; price £2,000.

10.—GLAMORGAN.—General Retail and Dispensing Business; scope for Optics and Dentistry; returns £1,500, increasing; *net profit* 30%; rent £32 10s.; price £950.

11.—KENT (near coast).—Unopposed Mixed Business; returns upwards of £2,000; *net profit* £625; price, to include goodwill, stock and fixtures, £1,000.

12.—SUSSEX.—Well-established Retail and Dispensing Business, capital situate in main thoroughfare; returns at the rate of £5,000 per annum; further details on application.

13.—WESTERN COUNTY.—High-class Dispensing and Retail Business; returns between £4,000 and £4,500 per annum; *gross profit* 45%; well-fitted shop; further particulars will be furnished on receipt of a banker's reference.

14.—SOUTH COAST.—Ready-money Business, situate in main thoroughfare of an important business town; returns, present rate, about £3,000, at fair prices; price £2,000; vendor estimates value of stock and fixtures at £1,900.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co., desire to emphasise the necessity of a Periodical Statement of Account by which means alone Profit, the true value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of Confusion and loss.

Messrs. O. & Co., are prepared to undertake these essential duties, and will make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C. 3.

Telephone 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—SUSSEX COAST.—Well-established Retail and Dispensing Business, returning £2,000; no Panel or Photo; good position; well fitted and heavily stocked; sole cause of sale, leaving the Retail; price £1,000, for quick sale—about valuation.

2.—SOUTH WALES.—Light Retail, Dispensing, and Prescribing Business, in healthy colliery district; quite unopposed; returns £1,650; no panel; low rent; good house and garden; modern, well-fitted shop, fully stocked; price £950, or valuation terms arranged.

3.—LONDON, W.C.—Good-class Retail and Dispensing Business; returns average over £2,000; *clear net profit*, £700; well-fitted Pharmacy, with residence attached; long lease; price £1,550.

4.—LONDON, S.W.—Good middle-class Cash Retail, entirely under manager; returns £1,500; *net profit* £500; main-road position; well stocked; rent covered by let-off; price £1,000.

INTENDING VENDORS

We are in immediate want of sound businesses in all parts of England, especially London, South Coast, S.W. and Western Counties, Midlands and Home Counties, at prices ranging from £300 to £3,000.

AGENCIES.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

AUSTRALASIA.—Advertiser re-visiting Australia and New Zealand, representing well-established British firm, would like to correspond with one desiring similar services; will be calling upon Importers, Chemists, Grocers, Storekeepers, etc.; could superintend advertising, distribution of samples; highest references. Apply P. C. B. 23/39, Office of this Paper.

AGENCY wanted for the Bombay Presidency and Central Provinces for Patent Medicines of all descriptions; buyer at present in London, who would fix up terms; all payments made to British merchants on this side; c.i.f. India quotations wanted. Apply P. C. B. 27/6, Office of this Paper.

BIG Sales.—Traveller, with big connection through Midlands, Lancashire, and Yorkshire, open for Agency; salary or commission, or both. Address "Salesman" (20/23), Office of this Paper.

COMMERCIAL Traveller, age 35, disengaged, sound connection Plymouth to Aberdeen, Perfumes, Essential Oils, Drugs, Chemicals, and Toilet Preparations, Retailers, Wholesalers, Manufacturers, and Exporters, highest credentials, immediate business, is open to represent first-class house of British manufacturers; salary, expenses, and small commission. "T. U." (15/18), Office of this Paper.

FIRM, with own Travellers calling on Chemists, Confectioners, Farmers, and Grocers, is open to take up good-paying and reliable lines on commission; Eastern Counties. Apply 5/4, Office of this Paper.

REQUIRE an Agent on commission, calling on Chemists, to introduce paying side-line in the provinces; liberal commission to a good man. Apply, by letter, stating ground covered, W. P. Humfrey & Co., Northumberland Grove, Tottenham, N. 17.

TRAVELLER, with large connection (Chemists) London and South Coast, is open to carry a first-class side-line; excellent opportunity for Photographic materials or proprietary line; would travel for good house exclusively if given sound proposition. Apply "Solid" (P. C. B. 26/19), Office of this Paper.

BRETT & CO.

Transfer Agents & Valuers,

73 LAUREL ROAD, LEICESTER.

We have cash Buyers for all sizes and classes of business.

BUSINESSES WANTED.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

DEVON or Somerset.—Light Retail and Dispensing Business wanted immediately for cash; turnover about £1,500. Preliminary particulars in confidence to "M.P.S.," "Franklyn," High Street, Honiton, Devon.

EASTERN MIDLANDS OR COAST.—Wanted, Retail Business; turnover about £1,600; neglected one or a Drug Store capable of expansion under qualified control not objected to; would manage with view to succession; cash available; with or without house. Preliminary particulars to 16/25, Office of this Paper.

LANCASHIRE OR YORKSHIRE.—General Retail Business in busy thoroughfare; one which has been neglected not objected to; partnership entertained with view to succession. Please state full particulars "L. and Y." (17/1), Office of this Paper.

LIVERPOOL OR MANCHESTER DISTRICT.—Retail Business required; city or suburb; please state price, rent, whether house attached, and full particulars in confidence; would manage with view to early succession. "Chemist" (16/35), Office of this Paper.

LONDON.—Good middle-class Business required; living accommodation; or lock-up premises. Particulars as to turnover, rent, lease, price, etc., and reason for disposal, "Pharmacist," 16 Waverley House Mansions, Kenton Street, W.C. 1.

LONDON.—High-class Dispensing Business wanted in the W., W.C., N.W., or S.W. districts; good residence; returns not less than £2,000; capital available. Please give address of business, returns, and particulars of living accommodation, in first letter, to "Wm. Palmer" (P. C. B. 27/22), Office of this Paper.

MIDLANDS, North England, or South Scotland; in busy industrial centre preferred; good going Pharmacy; Photographics and Optics not objected to or Drug Store capable of expansion under qualified management; house accommodation an advantage. State turnover, rent, lease, reason for disposal, probable price, etc., in strictest confidence, to "Clan" (27/10), Office of this Paper.

ADVERTISER would like to hear of a small Chemist's Business in a small town or village, preferably in the South-Western Counties; a partnership in a larger concern would be entertained if living accommodation could be arranged; good house and garden essential; cash available about £1,000. Replies to "X. Y. Z." (19/37), Office of this Paper.

DRUG Store wanted by unqualified; brisk cash trade; one where proprietor would accept fixed sum per month for an agreed period; willing to pay well for the right stuff; London preferred, but not essential. Particulars to "Ubique" (16/20), Office of this Paper.

GOOD-CLASS Light Retail and Dispensing Business wanted in Southern or South-Western County, preferably with house attached, returning about £2,500. Please state approximate price required, reason for sale, and give as many essential details as possible in first letter to C. F., 19b Cornfield Road, Eastbourne.

GOOD-CLASS Retail Business required; Southern Counties preferred, but not essential; immediate cash available; would accept partnership in large business or in smaller one with view to complete purchase within a few years; all information treated in absolute confidence. Send particulars to "Pharmacoptics," c/o Warin, Station Road, Tadcaster.

PHARMACIST requires a good-class Business, London suburbs; returns £900 to £1,500. Full particulars, in confidence, to "R." (20/28), Office of this Paper.

SMALL Business required, neglected branch not objected to, in small country town or seaside village, with house attached. Apply 15/26, Office of this Paper.

WANTED, in Boscombe, Bournemouth, Portsmouth, or Brighton, Pharmacy with returns not less than £2,000 per annum; partnership or active interest in store business would be entertained. "H. E." 13 Heldenhurst Road, Bournemouth.

FOR SALE.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ABOUT 30 gross White Earthenware Squat Gallies, approximately 1 oz. capacity; Stokes' "Eureka" Hand Tablet Machine, complete with three sets of dies and punches; offers. Stevens, 212 Westminster Bridge Road, S.E. 1.

COLTON Automatic Pill Machine, pattern 2B, for disposal. Apply 150/58, Office of this Paper.

EXCESS STOCK FOR SALE.—1 lb. Ext. Bellad. Liq. B.W. & Co., 98 B.P.; 1-oz. Ammonol; lot spectacles and Eyeglasses, silverine and goldline frames, stock numbered; also Cases and Showcards; cost £5; 500 Lantern Slides; what offer for whole or part. Sinclair, Chemist, Greenock.

FOR Sale.—1-lb. box Flor. Camph. English; 24½ lb. Cream of Tartar P.B.; 40 lb. Pot. Permang.; any reasonable offer accepted for the whole or part lot. Apply "Potash" (16/3), Office of this Paper.

16 **VULCANITE** Specimen Pieces. R. Lamb, 123 West End Lane, London, N.W. 6.

PARTNERSHIPS.

4s. 6d. for 50 words or less; 6d. for every addition 10 words or less, prepaid.

ADVERTISER, 38, desires Partnership, substantial Retail business; would undertake greater share management in concern where proprietor desires to ease off or partially retire, or would assist developing a business where possibilities of extension exist; cash in full available; interview given; could introduce Optics. Apply "Experienced" (15/35), Office of this Paper.

QUALIFIED Working Partner, with about £750 capital, to take entire charge of unopposed country Retail business 15 miles out; good house and garden; Dental experience very useful; bank reference will facilitate business; further particulars in confidence. Apply 17/13, Office of this Paper.

IN a well-established business, with excellent opportunity for further development; a man with ability, energy, and a fair capital would find a suitable position. Apply 20/26, Office of this Paper.

PARTNERSHIP or position required in any good-class business where energy and pushfulness would show a return; £300 immediately available, more later if necessary. 18/32, Office of this Paper.

PREMISES WANTED.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

LONDON Office (small) wanted urgently by Continental firm of Essential Oil manufacturers, or would share rooms with another firm. Address P. C. B. 27/3, Office of this Paper.

BUSINESSES FOR DISPOSAL.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

BIRMINGHAM (Near).—Double-fronted Shop, old established, well fitted with Dispensary and Warehouse at rear; returns about £3,000; net profit £900 per annum; low rent, on lease; N.H.I. 12,000, also valuable private appointment; price £300 goodwill, stock and fixtures at valuation, about £2,000. Apply "Radix" (20/10), Office of this Paper.

LONDON, N. (near City and West-End).—Drug Stores, doing over £16 under unqualified management, and still increasing; good scope for Dispensing and Photography; lock-up shop and basement; rent £38 inclusive; lowest cash price for stock, fixtures, etc., £500; no near opposition. "Statim" (12/29), Office of this Paper.

MANCHESTER.—Branch Business for Sale in Manchester suburb; lock-up shop; no opposition near. Apply 144/33, Office of this Paper.

MIDLANDS.—Cast Retail with little N.H.I.; established 16 years; returns for 1919 are over £2,400; rent £32; net profits about 25 per cent.; price £1,200 or valuation terms; references will facilitate business. Apply "Genuine" (16/39), Office of this Paper.

NORTH WALES.—First-class Business in good market town; stock and fixtures at valuation and goodwill; turnover £3,500; profits very good; genuine concern; suit a Welshman. Apply "Styrax," Evans Sons Lescher & Webb Ltd., Liverpool.

SOUTH WALES.—Medium-class Dispensing and Prescribing Business in good-class, healthy colliery district; returns between £1,600 and £1,700; gross profits about 40 per cent.; price asked £950, or valuation of stock, fixtures, goodwill, or will entertain lump-sum offer; no reasonable offer refused. "Oxo" (16/30), Office of this Paper.

SUSSEX COAST.—Pharmaceutical Chemist's Business in the main street of a favourite seaside resort; old-established and genuine concern; returns about £5,000; no Panel Dispensing; excellent shop and good dwelling accommodation; £5,500 for the goodwill, stock, and fixtures; premises can be purchased or rented. Apply Hankinson & Son, Estate Agents, Bournemouth.

AN old-established Retail and Dispensing Business for Sale; same hands 34 years, retiring from age; a good opportunity for a younger man; business can be increased; returns £850; price £450. Apply to 17/2, Office of this Paper.

CHEMIST'S Business; turnover £2,500, without N.H.I.; could be substantially increased under personal management; scope for Dental and Optical; the latter has been £1,000 a year; price with premises and stock about £3,000; cash only. "Enero" (6/36), Office of this Paper.

DENTAL Surgery, £500; turnover £650; rent £52, furnished £104; market position; old-established; neglected. Bidie, Chemist, Banbury.

EXCEPTIONAL OFFER.—Genuine, unopposed Mixed country Retail Business and premises in Lincolnshire; freehold includes up-to-date shop, house, warehouses, and large garden, the whole covering over 3,000 sq. yds.; £1,500 down, balance by arrangement; particulars of turnover, etc., sent only to those having the necessary capital. Apply 17/11, Office of this Paper.

FOR disposal, good-class Family Retail Business (Surrey); established over 100 years; turnover nearly £4,000; net profit about £900; house attached, with large garden, grape vines, greenhouse, tennis lawn, and garage; price £2,000. Apply 153/41, Office of this Paper.

ON Sale, the Business Premises of an old-established Chemist and Druggist in Preston, Lancashire; the premises are ideal for the purpose, and there is no opposition in the immediate neighbourhood; first-class living accommodation. Apply Messrs. Gowing & Ward, Solicitors, Lune Street, Preston.

SITUATIONS OPEN.

RETAIL.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

BIRMINGHAM.—Qualified Manager for good-class Light Retail and Dispensing business wanted; must be keen Buyer and Salesman; knowledge of Photography and Optics an advantage. Full particulars and references to "Exors.," c/o Lloyd, 27 Green Lane, Small Heath, Birmingham.

BRISTOL.—Spracketts, Shipping and Retail Chemists, have a vacancy for a Junior Assistant, unqualified. State age, experience, wages required, and enclose photo, which will be returned.

CUMBERLAND.—A vacancy will shortly occur for a thoroughly experienced Managing Assistant for the Retail; must be single. Apply, stating salary and full particulars, to W. Stanley Scott, Manager, Wilson & Kitchin, Wholesale and Retail Chemists, Whitehaven.

LONDON.—Qualified lady Assistant required for Dispensing and Counter; must be careful and rapid Dispenser and hold Minor qualification. Apply, with copies of testimonials, stating age, when at liberty, whether any Retail experience, and salary required (outdoors), 15/29, Office of this Paper.

LONDON, E.C.—Qualified Dispenser required, chiefly N.H.I. Dispensing; little Counter work. Apply, stating age, reference, and salary required, to 19/31, Office of this Paper.

LONDON, N.W.—Good all-round Assistant for quick Cash Retail; no poisons sold; one with view to purchase preferred; takings average £45 weekly; big scope for increase. Send full particulars, salary required, etc., and when disengaged to "Drugs" (17/35), Office of this Paper.

LONDON, W.—Wanted, a young lady for Hair-dressing Counter in a West-End Store; must be a live Saleswoman; wages and commission on all sales; hours 8.30 a.m. to 7 p.m.; Thursdays to 1 p.m. Apply, giving full particulars and salary required in first letter, to 17/14, Office of this Paper.

LONDON, W. (near Baker Street).—Part-time; qualified; each Thursday evening and alternate Sunday, 6 till 8 o'clock; experienced Counter and Dispensing. Apply, by letter, stating particulars, Goodall, Chemist, Ealing Road, Wembley.

LONDON, W.—Assistant wanted for Counter and Dispensing; one with good experience and knowledge of French preferred. Apply the Manager, Heppell & Co., 26 Piccadilly, W.

LONDON, W.—An Assistant, between 25 and 30, with good general experience; outdoors. Apply W. F. Pasmore, 320 Regent Street, W. 1.

LONDON, W.—Experienced Assistant, quick and accurate Dispenser, for West-End Dispensing business. Apply 19/35, Office of this Paper.

MANCHESTER.—A capable, experienced lady Assistant required; must be good Stockkeeper, well informed in regard to current prices, and be tactful and obliging. In reply give full necessary particulars to 152/15, Office of this Paper.

MANCHESTER.—Capable Assistant for brisk good-class Retail and Dispensing business. Full particulars as to age, experience, and salary required, to J. S. Breese, Pharmaceutical Chemist, Rusholme.

MANCHESTER.—Immediately, Pharmacist for working-class and N.H.I. branch; quick Dispenser; also an elderly Pharmacist as cover, with light duties. Apply 19/22, Office of this Paper.

MIDLANDS.—Junior Assistant (male), with Dispensing experience, required in good-class business. State full particulars to 20/27, Office of this Paper.

ST. MARY'S HOSPITAL FOR WOMEN AND CHILDREN, Plaistow, E. 15.—A qualified Dispenser required on 1st February; salary £140 per annum, with lunch and tea; hours, 9 a.m. to 5 p.m.; no Sunday duty. Applications, which should state qualifications, and work done since qualifying, accompanied by not more than three testimonials, should be sent to the Secretary at the Hospital.

SHEFFIELD.—Unqualified Assistant (lady or gentleman); must be good Counter hand. Apply, stating full particulars; salary required, to Rexall (19/28), Office of this Paper.

STAFFORD.—Smart Assistant wanted for Counter and Dispensing; two others kept; hours 8.30 to 7.30; Wednesday 1 o'clock, Saturdays to 8.30 p.m.; every third Sunday Wednesday evening duty; applicants should send fullest particulars, references, and salary required, also photo (which will be returned). Fowke & Son, Chemists.

WEST-END.—Vacancy for qualified man, speaking French, hours, 1.30 p.m.-11 p.m. Apply 154/34, Office of this Paper.

ASSISTANT wanted for a good-class business; not necessarily qualified; must have had good experience and be capable of taking charge. Apply, giving full particulars as to age, height, experience, and salary required, in first letter, to J. L. Chaplin & Son, Wakefield.

ASSISTANT, competent, for Counter, Dispensing, and Window dressing; references must bear strict investigation; age over 35 years. Finn, 193 Battersea Park Road, S.W. 11.

CAPABLE Assistant wanted for busy Retail business in Yorkshire; easy hours; no duty; one seeking permanency preferred; salary £3 3s. per week. Apply, with full particulars and photo if possible, to 16/38, Office of this Paper.

THE HOSPITAL FOR WOMEN, SOHO SQUARE, LONDON, W.

DISPENSER required. Applications, with testimonials, invited from Members of the Pharmaceutical Society (Male or Female eligible). Salary £150 per annum, with lunch and tea. Hours 11-5, Saturdays 9-1. Applications must reach undersigned by Saturday, 31st January, 1920.

ALFRED HAYWARD, Secretary

DISPENSER required by firm of Surgeons in East-End. Apply 386 Bethnal Green Road, E. 2.

F. M. RIMMINGTON & SON, LTD., Bridge Street, Bradford, require a young man for putting up Surgeons' orders; with some experience preferred. State age, wage, and experience.

JUNIOR Assistant (young); indoors; one other kept. Full particulars as to age, experience, reference, and salary required, also photo, if possible, in first letter to John W. Ailsby, 35 High Street, Whittlesey.

LADY Dispenser wanted (Hall) for new Pharmacy, opening shortly; must be quick and accurate and willing to be at Counter; no N.H.I. Call or write, Mr. Clegg (Gould & Son Chemist, 1 Broad Street, Teddington.

LADY Dispenser, Minor qualification, required immediately Midlands; permanency. State age and salary required, 19, Office of this Paper.

MANAGER or Senior, qualified, with good Dispensing experience, wanted shortly; unfurnished rooms provided. Please give fullest particulars of experience, etc. (in the first instance by letter), to Frank A. Rogers, 327 Oxford Street, W. 1.

PHOTOGRAPHIC.—Two Assistants wanted for Sheffield; practical Photographers, thoroughly conversant with high-class apparatus; good Salesmen and really enthusiastic; excellent prospects for the right men. Full particulars to "M." Wallis, Heaton, Ltd., Change Alley, Sheffield.

QUALIFIED Manager wanted for middle of February; single preferred; energetic, good Dispenser, Counterman, and Prescriber; outdoors; near large Lancashire town. Apply, with particulars of age, height, experience, references, salary required, and photo (if possible), to 17/15, Office of this Paper.

QUALIFIED Manager for Branch business, General Retail single young man, with plenty of energy, preferred; salary and share in profits offered on agreement; state age, height, photo if possible; give full particulars of experience and references at approximate salary required (outdoors). Bromhall, Chemist, Thetford, Norfolk.

QUALIFIED Assistant, West-End experience, energetic, good Counterman, wanted. Apply M. Gluss, Heppell's, 5 Buckham Palace Road, S.W. 1.

QUALIFIED woman Dispenser, for Doctor in Greenwich; immediate; permanency; live out; working-class practice; whole time; start £2 5s. per week. Apply 17/5, Office of this Paper.

QUALIFIED Branch Manager, with London experience, wanted for London; must be a good organiser and capable Manager; references must bear the strictest investigation; some knowledge of Photography essential; good salary and commission. 18/13, Office of this Paper.

QUALIFIED Assistant required; high-class West-End business; short hours; knowledge of French preferred. Apply, with full particulars, salary, etc., E. R. W. (60/61), Office of this Paper.

RELIABLE, qualified, middle-aged man as Manager, country Druggist's business; Dispensing and light Agricultural work. Apply, stating particulars and salary required, Newent Drug Co., Ltd., Cheapside, Newent.

SURGICAL Instrument Business; Assistant Saleswoman. State duties accustomed to, age, and wages expected, Box "F 237," Lee & Nightingale, Advertisement Offices, Liverpool.

UNQUALIFIED Assistant wanted, chiefly for Counter, for good-class Retail business; must be good Salesman and Window-dresser, and not under 30. Apply, giving usual references in first letter, and state salary required, to 12/28, Office of this Paper.

WANTED, competent, unqualified Assistant; good hours, good wages. H. G. Hart, M.P.S., Grimsby.

WANTED, qualified Chemist as Manager for branch shop at Walney, Barrow; no Sunday duty. Applicants should send full particulars of experience, stating age and salary required, to the Secretary, Barrow Co-operative Society Ltd., Abbey Road, Barrow-in-Furness.

WANTED immediately, Dispenser and Bookkeeper (male). Apply, stating age, wage, and experience, to Dr. Dewar, Bury, Lancs.

WANTED, Junior Assistant for N.H.I. Dispensing and cash Counter trade. Usual particulars to Goosey & Rogers, 51 Ben Jonson Road, Stepney, E. 1.

WANTED, Assistant, qualified or unqualified, for business in working-class district in West London; must be reliable and have best of references. Apply, stating salary required and when engaged, to 19/18, Office of this Paper.

WANTED, Assistant for two evenings per week and alternate Saturday evenings; Counter and N.H.I.; please state time available and salary in application; must be reliable; in West of London. 19/180, Office of this Paper.

YOUNG lady, with a little experience, wanted chiefly to put up stock; whole or part time; N.W. district. Apply, with particulars of experience and wages required, to 17/39, Office of this Paper.

YOUNG man wanted as Assistant and General Hand; able to take charge of Counter if required. Apply, by letter, to 77 Walworth Road, London, S.E.

WHOLESALE.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

ASSISTANT required, used to Wet Counter, or unqualified Chemist, for checking quality and out-turn of Mineral Waters, Cordials, Liqueurs, etc. Write, stating age, experience (if any), and wages required, to "A. R." (149/5), Office of this Paper.

BURROUGHS WELLCOME & CO. have a vacancy for a qualified Pharmacist, who must be an accurate worker; he should have some mechanical aptitude, and be able to carry out experimental work methodically, in addition to regular manufacturing routine. Apply, in writing, with full particulars, to W. M. Wellcome Chemical Works, Dartford.

CANVASSER, of gentlemanly appearance, wanted for house-to-house work with a Chemist's well-advertised line; £30 bond required. Apply in writing to P. M. G., c/o Anderson Advertising Agency, 14 King William Street, Strand, W.C.

CHEMIST'S Representatives wanted by large firm of Soap-makers for London, Manchester, Birmingham, Bristol, and Cardiff; experienced men only considered. Write, stating age and qualifications, to 19/26, Office of this Paper.

CITY firm requires a live Representative, with knowledge of Essential Oils and Synthetics, to call on Perfumers, Soap Makers, Wholesale Druggists, etc.; salary and commission. Write, in confidence, giving full particulars, to "R. F." (152/51), Office of this Paper.

DRUGGISTS' Sundries.—Representative for London; manufacturing firm requires services of gentleman of good appearance, address, and ability, about 30, bachelor preferred, on salary and commission basis. Full particulars of experience and salary desired to 149/63, Office of this Paper.

DRY-COUNTER Hand required with previous experience in similar capacity. Apply, with full particulars of previous experience, wages, etc., to J. C. Arnfield & Sons, Ltd., Wholesale Druggists, Stockport.

DRY-FLOOR Foreman required in Export Wholesale Druggists; wages 78s. to 83s. per week, according to experience and capacity. Full particulars to 153/46, Office of this Paper.

EXPERIENCED Wet Counterman required by London Wholesale house. State age, experience, and wages required, P.C.B. 27/28, Office of this Paper.

MILLMAN wanted by firm of Wholesale Druggists to take charge of steam mills, etc. Write, stating age and experience, to 152/480, Office of this Paper.

PACKER (Export) wanted by Wholesale Druggists; S.E. London; must be experienced. Apply 152/28, Office of this Paper.

QUALIFIED Chemist, not over 25, wanted by a firm of Manufacturing Chemists as a Junior Representative; previous experience as a Traveller not necessary; give full particulars of experience and state salary required; enclose recent photograph, which will be returned. Apply 150/23, Office of this Paper.

REPRESENTATIVE with connection among Birmingham and Midland Doctors, etc.; also Representative on commission with good connection throughout England, to carry Packed Goods and Specialities as side-line. Full particulars to Blackwell, Hayes & Co., Ltd., Birmingham.

REPRESENTATIVE, with live connection amongst Chemists in London area, wanted (immediately) for sale of Chemists' Toilet Soaps and Preparations, also Vermicides; salary £300-£350 and commission for a capable man. P. C. B. 26/31, Office of this Paper.

REPRESENTATIVE required for London Wholesale trade by established house manufacturing Proprietary Toilet Preparations; must be a live, conscientious, and energetic Salesman; salary and commission; will consider a demobilised person. State age, total commencing remuneration expected, etc., 19/16, Office of this Paper.

REPRESENTATIVES wanted for all parts United Kingdom and Ireland, with connection among Chemists, high-class Hair-dressers, and Stores, to sell Toilet Commodity now being extensively advertised; 20 per cent. commission basis; no expenses; real Salesman required. Address, in confidence, stating lines now carried, to "Rego" (P. C. B. 27/14), Office of this Paper.

REPRESENTATIVES wanted in a number of districts by up-to-date Toilet Goods and Perfumery Manufacturers on commission basis; guaranteed territory given. Write (in strict confidence) as to present lines, ground covered, and turnover, to "H." Essona Perfumery Co., Ltd., London, S.W. 19.

REQUIRED, a smart young Salesman, with experience amongst Chemists and Institutions in Wales; exceptional prospects to a really capable man with established connection. Reply, with full details, to 18/17, Office of this Paper.

TABLET Maker, thoroughly reliable, wanted, to manufacture compressed Tablets; experience in sugar-coating not necessary. State age, experience, and wages expected, 19/24, Office of this Paper.

TO Travellers.—Splendid selling side-line, on commission basis; small samples; sure repeats; sells on sight; grounds open, N. and S. Wales, Bristol district, Potteries, Birkenhead, Birmingham districts; state fully ground covered and how often. Apply 18/27, Office of this Paper.

TRAVELLER required to call on Chemists, Drapers, Fancy Stores, etc.; must have previous experience; state full particulars of same, salary, commission; guarantee necessary. Write "Merit," Box 601, Willings, 125 Strand, London, W.C. 2.

UNDER-MANAGER, with complete knowledge of the Wholesale Drug-trade, wanted by a firm in a Northern city; must be able to control staff and be conversant with Manufacturing by up-to-date methods. State age, previous experience, and salary required, 19/24, Office of this Paper.

WANTED, smart Travellers, with first-class connections, for (1) South Wales, (2) Eastern Counties, (3) Southern Counties, (4) Staffordshire, Warwickshire, Worcestershire, Shropshire, Herefordshire, (5) Somerset, Gloucestershire, Wilts, Berks, to push excellent side-line; 20 per cent. commission; proved dry cleaner; perfect results on fashionable velour and felt hat, and wide range of articles; smart showcards; small samples; good existing connections handed over to right men; state full particulars in confidence. Apply 11/31, Office of this Paper.

WANTED, by a Research Association, Assistant Chemist, used to analysis of clays, etc.; some experience in high-temperature furnace work useful but not essential. Write Box 677, Willings, 125 Strand, London, W.C. 2.

WELL-KNOWN provincial house requires Clerk to take charge of the Costing, Pricing of Patent Medicines and Sundries, and to generally supervise the office; previous experience in similar capacity essential. Apply, giving full particulars, salary, etc., to 150/50, Office of this Paper.

WET and Dry Countermen required by firm of Wholesale Druggists (Export). Write, stating age and experience, to 152/48, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

FAR EAST.—A qualified Assistant, not over 30 years of age; must have had experience in first-class Retail and Dispensing business; salary £550, rising to £600 per annum, and passage paid out and home, on a four-years' agreement. Address "East" (15/23), Office of this Paper.

PARIS.—Qualified Assistant; knowledge of French and Continental experience; outdoors; short hours; no Sunday or night duty; state age, experience, references, and salary required in first letter; permanency, with good prospects, for suitable man; send photograph, which will be returned. Roberts & Co., 5 Rue de la Paix, Paris.

SHANGHAI.—Chemist wanted for British Merchant house in Shanghai, well qualified to manage Dye, Drug, and Chemical department; thorough practical knowledge essential, especially in dyes; good prospects for suitable man. Reply, giving full particulars, to China (8/35), Office of this Paper.

SOUTH AFRICA.—Wanted, experienced, unqualified Chemist's Assistant for Sundries Department; knowledge Photographic and Surgical Goods and Patent Medicines; three years' agreement; £18, £19, £20 monthly respectively. Write, stating particulars and record, "S. A.," 54 St. Mary Axe, London, E.C.

SOUTH AFRICA.—Wanted, Chemists' Laboratory Manager, experienced in Wholesale Chemists' Laboratory in making Tablets, Coated Pills, etc.; three years' agreement; £20, £21, £22 monthly respectively. Write, stating particulars and record, "L. M.," 54 St. Mary Axe, London, E.C.

STRAITS SETTLEMENTS.—Assistant, unmarried, with Chemist's qualification, a good knowledge of Optics desirable; four years' agreement; passage paid out and home; salary first year £420, second and third years £455, fourth year £490. Apply 140/34, Office of this Paper.

REQUIRED (immediately), for African Highlands, fully qualified Dispenser; applications from ex R.A.M.C. N.C.O.s or Naval Sick-bay Stewards would be considered. Write P. L., c/o J. W. Vickers & Co., Ltd., 5 Nicholas Lane, E.C.

SITUATIONS WANTED.

1s. for 12 words or less, 6d. for every additional 10 words or less, prepaid.

[HOME.]

RETAIL

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

A.A.A..—DISPENSER, experienced, 25, Hall, seeks position in good-class Dispensing Pharmacy; Photograph excellent references; Student-Associate; demobilised; London S.E. preferred. "Capsicum," 244 Well Hall Road, Eltham London S.E. 9.

A COMPETENT woman Dispenser seeks post; would like to furnish rooms on premises, not essential. "Dispensed" 41 Great Ormond Street, London, W.C. 1.

A QUALIFIED Chemist desires post as Manager, in or near Manchester; steady, reliable, with first-class Dispensing experience; disengaged. Evans, 55 Fairlawn Street, Manchester.

A QUALIFIED Chemist; 41; now disengaged; experienced in all classes; town and country; several important positions successfully filled. "Statim," Craithie Cottage, Sandown, I.W.

A CTIVE; unqualified; 26; 10 years' experience; terms moderate. 54 Stacey Road, Cardiff.

A DVERTISER, unregistered, Prescriber, Salesman, and general references, seeks berth with residence, own furniture, in near London, or would purchase a small business on agreeable capable Manager. Apply 18/29, Office of this Paper.

A S Relief, by a thoroughly experienced Locum; smart, near Window-dressing and business builder; good Extractor. 122 Scott-Ellis Gardens, St. John's Wood, N.W.

A SSISTANT; 31; unqualified; first-class Dispensing; Counter experience; outdoors. "Statim," 35 Elm Road, Plymouth.

A SSISTANT; unqualified; 24; Window-dresser; North Devon preferred. "Quetta," 22 Sunnyside Road, Weston-super-Mare.

A SSISTANT or Manager in good-class business with Photographic, and opening for Optical, with a view to acquire interest; near London preferred; advertiser with good experience in all branches; qualification, Pharmaceutical Chemist, F.S.M. Apply "A. Z.," c/o Wright, Layman & Umney.

A SSISTANT or Manager; small shop in country; experienced Counterman and Dispenser; state salary; smart and references, etc. Apply Wallace, The Hospital, Long Preston, Yorkshire.

A SSISTANT, lady, experienced high-class Dispensing, Counterman, Prescribing, desires post with Chemist or as Dispenser Doctor; free January 24th. Apply 16/22, Office of this Paper.

A SSISTANT; 30, abstainer, tall, good appearance; Student-Associate; 11 years' experience (London and provincial Dispensing, Counter, Window-dressing; excellent references. Apply 16/27, Office of this Paper.

A SSISTANT, unqualified, 28, married, requires berth immediately; good all-round experience Counter, Dispensing, Photography. Apply 16/31, Office of this Paper.

A SSISTANT; unqualified; 30; tall; married; 10 years' experience in Dispensing, Counter, and Photography; recently demobilised; good references; disengaged. Martin, 88 Vine Street, Darlington.

A SSISTANT (French), six years' experience, desirous improve English language, desires situation in England, good references. Apply Maurice Poinson, at parents, 11 Rue L. Maurice, La Varennes (Seine), France.

ISTANT; apprenticeship just completed; Brighton or near. Miss Wellman, The Orchard, Hassocks.

ISTANT (Junior); Manchester or district; age 19; 4 years' experience; quick, neat, and careful Dispenser; excellent references; height 5 ft. 11 in.; disengaged end of month; state offered. Apply 17/33, Office of this Paper.

ISTANT, unqualified, seeks permanency, London; 14 years' experience high-class Dispensing and Counter work; excellent references. P. C. B. 27/15, Office of this Paper.

ISTANT; unqualified; experienced all round; S.W. or City. "Radix," 72 Tremadoc Road, Clapham, S.W.

SISTANT (lady); unqualified; good Counter and Photographic experience; highest references. G. B., c/o Messrs. S & Son, Chemists, Salisbury.

SISTANT (unqualified), good Dispensing experience, disengaged; highly recommended. F. J. Palmer, 17 Parade, Stowe.

ISTANT; unqualified; 3 years' reference; reliable. "Reynolds," 82 Marlborough Road, Romford.

SISTANT; experienced; Senior; unqualified; reliable and trustworthy. Assistant, 36 Church Street, Woolwich.

SISTANT; unqualified; 29; London experience Counter, Dispensing, and Photographic; demobilised; excellent references. J. McN., 48 Cheriton Square, Balham.

SISTANT, unqualified, all-round experience, desires permanency, London district; good references; now at liberty. S., 43 Adolphus Street, New Cross, S.E.

SISTANT; 23; unqualified; demobilised; five years' experience; Dispensing, Counter, Photography; good references. Apply 18/23, Office of this Paper.

BIRMINGHAM DISTRICT.—Assistant; 25; discharged soldier; Counterman, energetic Salesman, etc.; no Dispensing experience at liberty; interview preferred. Apply 19/7, Office of this Paper.

CHEMIST'S Assistant; unqualified; 30; West-End experience; reliable; recently disengaged; Locum or permanency. Write Mr. M. G. Birch, 8 Cromwell Grove, Hammersmith, W. 6.

ERICAL work, any kind, evenings. Address "F. G." (186/36), Office of this Paper.

COMPETENT Assistant; 30; unqualified; 13 years' Dispensing, Counter experience; married; capable of taking charge; reliable references; South Coast preferred, but not essential; agency, last berth 6½ years; abstainer; disengaged; state offered. Apply 14/19, Office of this Paper.

ENGAGED; competent Assistant; Locum or permanent; experienced Dispenser, Prescriber, Counter, Photographic; active Sales Window-dresser; interview if convenient. Apply, 239 Camberwell New Road, S.E.

ENGAGED (now) for good-class Pharmacy, London; unqualified; 23; reliable; good experience. 21/21, Office of this Paper.

SPENSER (Hall) and trained Nurse desires post; experienced; either Chemist or Doctor; disengaged end of January. State salary and apply 17/21, Office of this Paper.

SPENSER (lady); unqualified; age 20; height 5 ft. 3 in.; three years' experience; disengaged immediately; state salary. Apply to I. Reynolds, Guyscliff, Linden Road, Bognor, ex.

SPENSER, lady (Hall), desires post, Leeds or district; Doctor or Institution preferred; experience, Chemist, and five years Head Dispenser, Military Hospital. Apply 17/29, Office of this Paper.

DISPENSER, lady (Hall); experienced; good references; London; whole or part time. Miss Matthew, 26 Priory Court, N.W. 6.

DISPENSER, lady (Hall), six years' experience, neat, careful, knowledge Shorthand-Typing, Bookkeeping, requires post in or near London with Doctor or small Hospital. Apply 17/6, Office of this Paper.

DISPENSER, lady (Hall certificate), 12 months' College experience, desires post at once; Yorkshire. Drabble, Ughill, Bradfield, Sheffield.

DISPENSER (male) requires part-time engagement (at once). P. C. B. 25/3, Office of this Paper.

DISPENSER (Hall), lady; excellent experience of Hospital, Institution, and Surgery work; excellent testimonials; London or near. Apply 19/38, Office of this Paper.

DISPENSER-BOOKKEEPER, lady, qualified, 14 years' experience, desires post with Chemist or Hospital; London preferred; excellent references. Court, Duffield, Derbyshire.

DISPENSING.—Lady (Hall) desires post; good experience; Institution preferred. "A.," 10 Antrim Grove, Belsize Park, N.W.

EVENINGS, Sundays, or one afternoon weekly; experienced; speak French; competent take charge. Apply 16/32, Office of this Paper.

EVENINGS (three), and, if required, mornings, by Hospital Dispenser, lady (Hall); two years in Pharmacy; London. Apply 18/38, Office of this Paper.

EXPERIENCED lady Dispenser, giving up appointment, could do relief work once or twice a week; Doctor or Institution. "Bernice" (15/33), Office of this Paper.

GENTLEMAN; well educated; age 28; smart appearance; height 5 ft. 10 in.; abstainer; thoroughly competent; 10 years' London experience, Counter and Dispensing. Apply 27/160, Office of this Paper.

HOSPITAL or Institution Dispenser; qualified; 19 years' experience; best testimonials. "R.," c/o 43 Bailey Street, Luton, Beds.

JUNIOR Assistant (21) desires situation in Blackpool; knowledge of Dispensing and Photography; 3 years' experience; height 5 ft. 8 in.; good references. "S. N.," 58 Chesterfield Road, Blackpool.

JUNIOR, disengaged, desires position in South of England; quick Dispenser and Counter Hand. P. O. B. 26/30, Office of this Paper.

JUNIOR requires berth, 3½ years' experience; age 19½; tall; well recommended. Clifford, 69 Chetwyn Road, Southsea.

JUNIOR, unqualified (22½), tall, 6½ years' experience, requires situation in good-class Dispensing business; good references. Smith, 23 Roman Road, Colchester.

JUNIOR; 22; 5 ft. 10 in.; served apprenticeship; Army 3½ years; disengaged. Jones, 24 Market Place, Penygroes, S.O.

JUNIOR; five years' experience; tall; Manchester or near. Apply 18/40, Office of this Paper.

LADY (21) requires post; good knowledge of Patents, Sundries, Drugs, Toilet, Photo, and Counter work; five years' experience in London area; live out; state salary. "G.," 22 Plympton Avenue, Brondesbury, N.W. 6.

LADY; aged 20; general Counter and N.H.I. Dispensing; willing, active worker; Birmingham or Midlands. Apply 16/331, Office of this Paper.

LADY Assistant (Hall certificate), 4 years' experience, requires position with Chemist; Counter work preferred; speaks French. B., 161 Melrose Avenue, Cricklewood, N.W. 2.

LADY Dispenser (Hall), Chemist's experience, requires post, Doctor or Chemist; Surrey, Kent, or Sussex preferred. Apply B., c/o Dixon's, Chemist, Haywards Heath.

LADY Dispenser, Hall qualification, desires post; experienced in Doctor's Dispensary; excellent testimonials. Miss A. Fry, Moorlynch, near Bridgwater, Somerset.

LADY Dispenser-Bookkeeper, qualified, desires post; experienced; 8 years' testimonial; highest references. Apply 18/9, Office of this Paper.

LADY Dispenser-Bookkeeper (Hall), experienced, requires post; Doctor preferred; Cheshire district. Hall, 22 Gainsborough Road, Crewe.

LADY Dispenser-Bookkeeper (Hall), experienced; Doctor or Institution, in or near London. Apply 14/20, Office of this Paper.

LADY (Hall) desires post; Doctor, Hospital, or Chemist; excellent experience and testimonials; state salary, hours, etc. "Dispenser," Caledon, Catherine Road, Newbury.

LADY (Hall), Dispensing experience, desires to serve Minor apprenticeship in good Retail business; would take Junior Assistant's post. 13 Northampton Road, Croydon.

LIVERPOOL District or Cheshire.—Branch Manager; qualified; 11 years in last situation, single-handed; varied experience as Locum, N.H.I.; permanency or for period; at liberty; interview. Brewerton, 68 Bedford Street North, Liverpool.

LOCUM or temporary Manager; age 48; just disposed of own business; Mixed General Retail, Optics, and Dental. Apply 16/33, Office of this Paper.

LOCUM; abstainer; 32; exceptionally experienced and capable. Apply 11/20, Office of this Paper.

LOCUM (temporary Manager); 53; qualified; country; disengaged until March 31st; first-class experience and references; Photography, Optics; energetic. Dewey, 4 Montague Gardens, Wallington, Surrey.

LOCUM or Manager, 43, disengaged; qualified; good experience Retail, Dispensing, and Hospital. "Chemist," 11 Laurie Avenue, Burford Road, Nottingham.

LOCUM; free January 19th; experienced; permanency entertained; £3. C. S., 19 Rockmount Road, S.E. 19.

LOCUM, experienced, disengaged January 16. "L.T.," 66 Neville Street, Cardiff.

M.P.S., AGE 23, knowledge of Photography, Optics, and high-class Dispensing, desires situation, preferably with Chemist-Optician in Yorkshire. Apply A. E. Carter, c/o Smallwood (Chemists) Ltd., Chapelton Pharmacy, Pudsey.

MANAGER, view to succession; age 48, married; General Mixed Retail; living accommodation. Apply 16/330, Office of this Paper.

MANAGER; qualified; 25 years' first-class West-End experience; excellent references; London or South of England. Chas. Parker, "Inglenook," 2 Endsleigh Place, Plymouth.

MANAGER or Senior; 37; qualified; 22 years' best-class experience, English and Continental; town or country. Scott, 57 Cartwright Gardens, W.C.

MANAGER or Locum; qualified; 45; single; high-class Dispensing, also N.H.I., Photographic; disengaged; permanency preferred. "Chemist," 9 Grantbridge Street, N. 1.

MANAGEMENT or Locum required by Chemist; Optics, Photography, etc. "Qualified," 82 Chapel Field Road, N.

MANAGER, qualified, all-round Dispensing experience; Counter work and Photography; disengaged; reliable. Office of this Paper.

MANCHESTER or District.—Dispenser, part-time, desiring Saturday (from 2) and Sunday; experienced; excellent references. Student (21/22), Office of this Paper.

MARCH to October; at present unqualified, with some experience; would like change with reputable seaside Pharmacy; present salary 70s. in provincial town. Please write Office of this Paper.

NOTTINGHAM DISTRICT.—Unqualified Assistant; Dispensing and Counter experience; disengaged; Codnor Park, near Nottingham.

PART-TIME.—Saturdays from 3 and Sunday morning; unqualified; 30; £1; Counter and Dispensing preferred. Apply 17/36, Office of this Paper.

PART-TIME Dispensing; male assistance; Doctor or any hours except 5 to 9 p.m.; small salary for ex-Hall certificate and Pharmaceutical Student. Write, 18 of this Paper.

PHARMACEUTICAL Chemist (30); capable, efficient; worthy; 11 years Retail and Hospital Pharmacy; disengaged; London or S.W. England preferred. 20, 22, of this Paper.

PHARMACIST desires appointment, Liverpool district; 11 years' varied experience, high-class Dispensing, Photography, Window-dressing; very energetic; highest testimonials; disengaged early February. Stansfield, 61 Eagle Hailey, Staffs.

PHARMACIST, elderly, as Manager or Locum; reliable single; best experience and references; moderate disengaged. 20/11, Office of this Paper.

QUALIFIED, 30, seeks position in high-class Retail Dispensing business in London; good references; knows French; used to high-class business. S. A. Best, Whitak Derby.

QUALIFIED, 25, accustomed to high-class Pharmacy position, North of England. 17/7, Office of this Paper.

QUALIFIED; 50 years; active, healthy; unqualified character; fair salary; Midlands or North. Apply Beeches, Tansley, Matlock.

QUALIFIED, elderly, but active Chemist, Monday, Wednesday and Friday disengaged, would like to fill days or nights. L. S. J., 1 Stanley Mansions, Muswell Hill, N. North preferred.

QUALIFIED (lady) requires situation; excellent references; 84 years' Dispensing and Counter; Liverpool or State particulars, Roberts, 119 High Street, Blaenau, F.

QUALIFIED Manager or Locum, 25 years' experience, permanency; town or country; disengaged; married; salary to "M. D.," 26 Fox Hill, S.E. 19.

QUALIFIED Manager, married, 35 years old, is capable of early change; thorough knowledge of Photography, Optics; seaside preferred, but not essential. Full particulars, Barnes, Grantley House, Wakefield.

QUALIFIED; capable of any position of trust; used to work; abstainer; provincial and London experience preferred. P. J. B., 5 Wellington Road, Queen's Road, S.E. 15.

LIFIED, Manager or Assistant, 35, disengaged; married; 7 years' good experience, London and provincial; competent and reliable.—"Alpha," 98 Greyhound Lane, Streatham, S.W. 6.

LIFIED lady Dispenser requires permanent post; experienced. 73 Heathcote Street, Hanley, Stoke-on-Trent.

LIFIED, 25 years' experience, desires permanency as Branch Manager; single; abstainer; excellent reference; moderately for comfortable position. Replies to 18/28, Office of this Paper.

LIFIED, 39, as Assistant or Manager, temporary or permanent; disengaged 21st; competent, experienced, reliable; in London preferred; please state salary and hours. Apply Office of this Paper.

LIFIED Chemist, 37, requires Managership; would take temporary work. Apply 19/12, Office of this Paper.

LIFIED, situation as Dispenser with Chemist or Doctor; Chelsea district preferred; salary 45s. weekly; live out. 10 Street, Chelsea.

Doctors and Married Chemists, London.—Science Student, Roman (34), temporarily embarrassed, desires work for hours; experienced Dispenser, and help lady in house; go on now, or part-time London. 16/4, Office of this Paper.

QUAY or Sidmouth.—Lady Dispenser, qualified, experienced, desires work; Doctor or Institution; excellent testimonials. 18/37, Office of this Paper.

UALIFIED, capable, thorough, and long experience; highest references; Dispensing preferred; easy hours; disengaged. Shelley Richards, Chemist, Weymouth.

UALIFIED; good experience in Counter, Stock, and N.H.I.; recently demobilised; aged 26. H., 139 New Park Road, Hill, S.W.

UALIFIED, 39, desires situation; married; good Counter-man and Dispensing experience; good references. 20/4, Office of this Paper.

NG lady (19) disengaged; good knowledge of Drugs and Counter work; 3½ years' experience; state salary. Write Woodchester Street, Paddington, W. 2.

60 AVAILABLE capital; Manager, Locum; 34; with view of early succession; highest references. Apply 19/17, Office of this Paper.

WHOLESALE.

for 12 words or less : 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies sent to this Office, and forwarded on payment of an annual charge of 6d.

FIRST-CLASS Representative, with good connection in London and near for Toilets and Perfumery, desires good position in this or kindred line; references and proof of form of remuneration immaterial. 17/40, Office of this Paper.

OUNG Gentleman, with experiences in all branches of retail, seeks a berth with a Wholesale house. F. (152/3), Office of this Paper.

OUNG man, 22, seeks position with manufacturing firm (Perfumery and Toilet Preparations); three years' Apprenticeship served with high-class firm. Write "A. H." (16/28), Office of this Paper.

ADVERTISER (lady) requires post with Wholesale Chemical firm; experienced in the Costing of Manufactured Preparations; capable, energetic, and good organiser. Apply P. C. B. 26/7 Office of this Paper.

ADVERTISER, with 25 years' practical experience in the manufacture of Galenicals, Emulsions, Pharmaceuticals, Proprietarys, Packed lines, knowledge of Wet and Dry Counters, Recovery Stills, etc., desires post as Under-Manager or Foreman; used to control of staff; North or North Midlands preferred. Apply 7/26, Office of this Paper.

ADVERTISER, 15 years' thorough experience Wet and Dries, 10 years with one firm, desires position of trust. P. C. B. 27/16, Office of this Paper.

ADVERTISER, age 38, many years' experience Chemicals and Drugs, also Bookkeeping and General Office Routine, seeks position, any capacity. Apply 18/19, Office of this Paper.

ADVERTISER (26), Wholesale and Retail experience, desires position of trust with first-class London house. Apply 20/30, Office of this Paper.

AS Wet or Dry Floor Assistant; good all-round experience of the trade; not afraid to work; teetotaler. 27/161, Office of this Paper.

AS Bookkeeper, Dispatch or General Clerk, also Checker, Stock- and Store-keeper; 15 years' experience Wholesale; London. W. B., 68 Leonard Street, London, E.C. 2.

CHIEF Clerk, experienced in the handling of Cash, Pricing, Costing, and General Office Management, desires position with progressive firm, either in a similar capacity or as Agent, Representative, etc.; any work of responsibility and trust considered. 270/28, Office of this Paper.

DEMOBILISED Sergt.-Dispenser, 36, 15 years' pre-war experience Wholesale and Retail, desires post as Under-Manager or Foreman; wide experience Laboratory, Wet and Dry Counters, and Sundries Department; well up in Tablet and Capsule Manufacture; used to staff control. "Nota" (19/33), Office of this Paper.

DRUGS, Chemicals, etc.—A thorough practical, experienced gentleman in Retail, Wholesale, and Manufacturing wants engagement; expert checker, stock and store keeper; last 2½ years war stores. Gibson, 10 Tavistock Place, W.

EX-OFFICER, young, 4 years' Retail experience prior to joining up, seeks post as Representative to a reliable house; would work indoors for a short period if necessary; interview sought. Apply 18/39, Office of this Paper.

EXPERT Sugar-coater desires progressive position; London preferred; capable Granulator and Compressor; good knowledge machinery and punch-making. Apply 15/28, Office of this Paper.

F.I.C., Ph.C., accustomed to control of works and men, experienced in scientific chemical work, seeks responsible post on demobilisation. Apply 277/39, Office of this Paper.

FIRST-CLASS all-round Pill- and Tablet-maker seeks change; ten years' experience. "Qunjib" (19/21), Office of this Paper.

LOZENGE- and Capsule-making.—Competent man requires situation as charge hand; machine and hand. Apply 11/30, Office of this Paper.

MANUFACTURING Chemist, qualified, desires change; good references; long experience Manufacturing and Standardising of Galenicals, Tablets, Essences, etc.; thorough knowledge of modern Machinery. 17/34, Office of this Paper.

MANAGER; experienced Booster of Proprietaries; new preparation entertained; salary £600. P.C.B. 27/19, Office of this Paper.

MAN, middle-aged, competent manufacture of Toilet and Medicinal Preparations, seeks work; whole or part time. "Synthesis" (20/6), Office of this Paper.

PERFUMERY AND TOILET PREPARATIONS.—Experienced Representative with high-class connection amongst Chemists, Stores, Hairdressers, desires appointment on commission basis; North of England, Scotland, North Wales; only high-class liner considered. Reply "M. F. L." (263/29), Office of this Paper.

PHARMACIST, 41, 12 years' experience calling on Doctors and Chemists, desires to represent first-class house. Apply "Parex" (6/31), Office of this Paper.

POSITION required in Laboratory of good house; B.P. Pharmaceuticals and standardisations, Tablets and Counter Specialities; London or provinces. "Qualified," 7 Barlow Moor Road, Chorlton-cum-Hardy, Manchester.

REPRESENTATIVE, young, experienced Drugs, Sundries, etc., desires change; provincial connection; real worker. "Expert" (15/20), Office of this Paper.

REPRESENTATIVE, young, excellent appearance, experienced in calling upon Doctors, Chemists, and large houses, desires change. Apply 154/16, Office of this Paper.

SMART, energetic, age 28, seeks situation Wholesale; knowledge Drugs, Patents, and Packed Goods. W., 28 Eade Road, Finsbury Park, London, N.

TRAVELLER, 38, carrying series of high-class Perfumes and Toilet Goods, wants another side-line; part expenses and commission; splendid connection in Wales, West of England, and part South; first-class competitive goods only considered; any branch of Drug and allied trades. "Salesman" (15/32), Office of this Paper.

TABLET and Pillmaker or Stock and Timekeeper; age 38; experienced; 18 years' Wholesale; London district. Newnham, 29 Herbert Street, Kentish Town, N.W.

WET Counter; 8 years' experience. W. E. Curter, 33 Chancellors Road, Hammersmith, W. 6.

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 Specs.; 5 doz. (Donae) smoked coloured
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 or such announcements is given under the appro-
 priations in the Supplement. Instructions and re-
 can be sent to us direct or through the adver-
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 Description to Spencer, 110 Northdown Road, Margate.
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- ❑ A low tariff, unless backed up by proper circulation, may make a very dear Advertisement. A large circulation amongst unsuitable readers is dear at any price, while a small circulation amongst a few interested readers, backed up by an intermittent stream of "free copies," is only to be valued on the basis of a few interested readers.
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